

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076743.D
 Acq On : 14 Jul 2023 16:35
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071423

Quant Time: Jul 17 08:08:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	184182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	335070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	314858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	91720	49.997	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.000%			
35) Dibromofluoromethane	7.799	113	105920	50.304	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.600%			
50) Toluene-d8	10.269	98	364811	48.431	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.860%			
62) 4-Bromofluorobenzene	12.575	95	121269	49.766	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	73633	51.124	ug/l	99
3) Chloromethane	2.146	50	127626	51.368	ug/l	97
4) Vinyl Chloride	2.275	62	165777	50.054	ug/l	100
5) Bromomethane	2.675	94	115809	42.499	ug/l	100
6) Chloroethane	2.822	64	124110	49.633	ug/l	99
7) Trichlorofluoromethane	3.158	101	149229	50.638	ug/l	95
8) Diethyl Ether	3.587	74	53357	52.587	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.958	101	100460	51.859	ug/l	96
10) Methyl Iodide	4.152	142	104407	47.812	ug/l	92
11) Tert butyl alcohol	5.058	59	36819	268.961	ug/l #	94
12) 1,1-Dichloroethene	3.928	96	89815	49.349	ug/l	84
13) Acrolein	3.787	56	23485	251.747	ug/l	95
14) Allyl chloride	4.546	41	119538	49.998	ug/l	92
15) Acrylonitrile	5.246	53	128751	258.359	ug/l	99
16) Acetone	4.017	43	112257	256.224	ug/l	94
17) Carbon Disulfide	4.258	76	213383	50.198	ug/l	96
18) Methyl Acetate	4.558	43	85740	52.088	ug/l	97
19) Methyl tert-butyl Ether	5.311	73	256091	52.470	ug/l	97
20) Methylene Chloride	4.793	84	136468	52.910	ug/l	93
21) trans-1,2-Dichloroethene	5.299	96	106390	50.289	ug/l	97
22) Diisopropyl ether	6.211	45	292965	51.747	ug/l	97
23) Vinyl Acetate	6.146	43	739502m	263.991	ug/l	
24) 1,1-Dichloroethane	6.105	63	192916	50.539	ug/l	98
25) 2-Butanone	7.075	43	156969	267.702	ug/l #	81
26) 2,2-Dichloropropane	7.069	77	168599	51.238	ug/l	96
27) cis-1,2-Dichloroethene	7.069	96	135285	51.873	ug/l	97
28) Bromochloromethane	7.416	49	48458	50.776	ug/l	83
29) Tetrahydrofuran	7.446	42	92168	266.042	ug/l	90
30) Chloroform	7.593	83	214040	51.195	ug/l	99
31) Cyclohexane	7.869	56	131787	48.813	ug/l	92
32) 1,1,1-Trichloroethane	7.787	97	174902	51.850	ug/l	98
36) 1,1-Dichloropropene	8.005	75	143663	52.214	ug/l	97
37) Ethyl Acetate	7.163	43	66780	54.272	ug/l	96
38) Carbon Tetrachloride	7.987	117	141475	53.700	ug/l	97
39) Methylcyclohexane	9.269	83	170750	53.746	ug/l	97
40) Benzene	8.246	78	443211	51.052	ug/l	99

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Manual Integrations
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 Supervised By : Mahesh Dadoda 07/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	39424	52.467	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	120282	53.323	ug/l	98
43) Isopropyl Acetate	8.357	43	128618	53.560	ug/l	92
44) Trichloroethene	9.028	130	116315	49.167	ug/l	87
45) 1,2-Dichloropropane	9.304	63	114192	50.956	ug/l	93
46) Dibromomethane	9.393	93	69407	52.912	ug/l	90
47) Bromodichloromethane	9.581	83	168509	51.191	ug/l	98
48) Methyl methacrylate	9.375	41	56026	51.261	ug/l	84
49) 1,4-Dioxane	9.381	88	17032	1013.431	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	345728	270.400	ug/l	93
52) Toluene	10.334	92	293836	51.533	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	162286	53.115	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	188144	52.249	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	100246	52.334	ug/l	98
56) Ethyl methacrylate	10.599	69	118686	53.683	ug/l	92
57) 1,3-Dichloropropane	10.875	76	159906	51.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	215418	251.723	ug/l	97
59) 2-Hexanone	10.922	43	246844	270.567	ug/l	92
60) Dibromochloromethane	11.075	129	116216	52.227	ug/l	96
61) 1,2-Dibromoethane	11.175	107	92591	52.138	ug/l	98
64) Tetrachloroethene	10.810	164	91766	51.112	ug/l	89
65) Chlorobenzene	11.604	112	326760	51.601	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	120484	51.104	ug/l	98
67) Ethyl Benzene	11.681	91	568167	51.089	ug/l	97
68) m/p-Xylenes	11.793	106	440666	103.173	ug/l	92
69) o-Xylene	12.122	106	212228	51.384	ug/l	92
70) Styrene	12.134	104	375643	51.954	ug/l	97
71) Bromoform	12.298	173	67403	52.201	ug/l #	99
73) Isopropylbenzene	12.422	105	551823	50.192	ug/l	97
74) N-amyl acetate	12.234	43	119541	51.611	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	118953	50.392	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	76429m	53.035	ug/l	
77) Bromobenzene	12.698	156	123777	48.774	ug/l	84
78) n-propylbenzene	12.763	91	681024	51.095	ug/l	95
79) 2-Chlorotoluene	12.851	91	373533	51.112	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	456230	51.320	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	35251	52.060	ug/l	97
82) 4-Chlorotoluene	12.945	91	388242	50.852	ug/l	96
83) tert-Butylbenzene	13.163	119	399219	51.002	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	460375	50.677	ug/l	96
85) sec-Butylbenzene	13.345	105	605482	50.630	ug/l	95
86) p-Isopropyltoluene	13.457	119	501199	50.746	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	264230	50.621	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	257954	50.441	ug/l	97
89) n-Butylbenzene	13.787	91	492006	50.908	ug/l	98
90) Hexachloroethane	14.051	117	98222	53.792	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	228866	49.759	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16253	48.289	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	142290	50.673	ug/l	98
94) Hexachlorobutadiene	15.198	225	64343	47.645	ug/l	98
95) Naphthalene	15.328	128	308931	50.811	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	130076	51.621	ug/l	98

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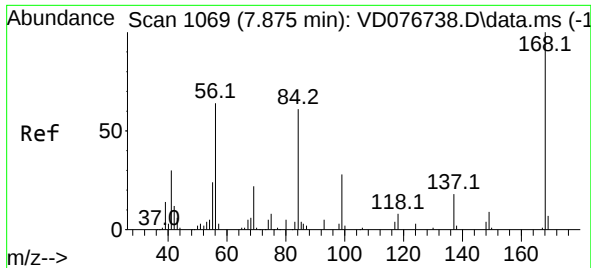
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/17/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
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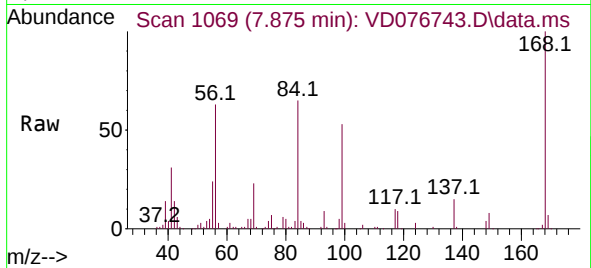
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

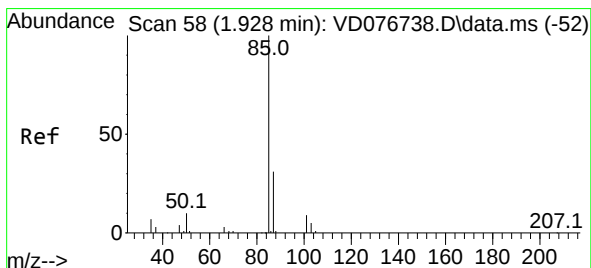
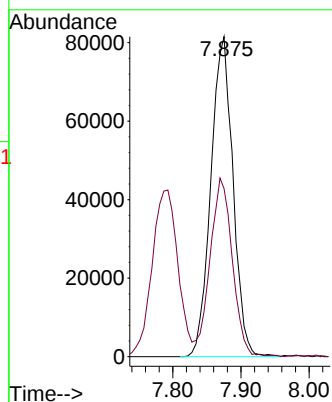
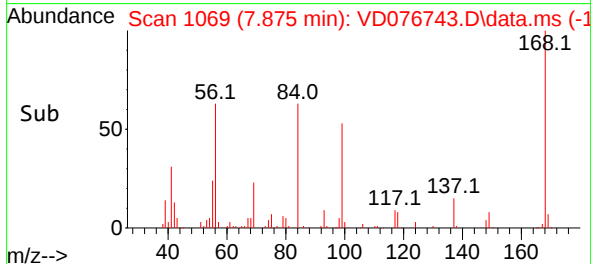
Instrument :
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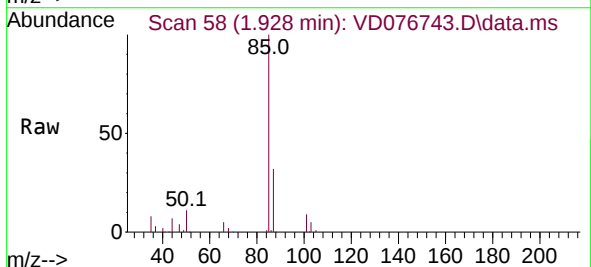
Tgt Ion:168 Resp: 18418
Ion Ratio Lower Upper
168 100
99 52.3 36.7 55.1

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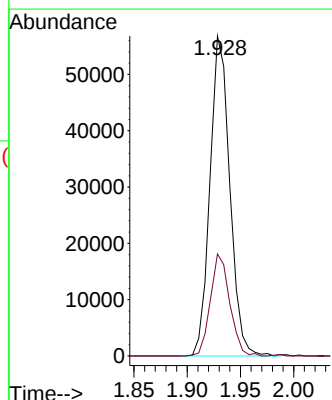
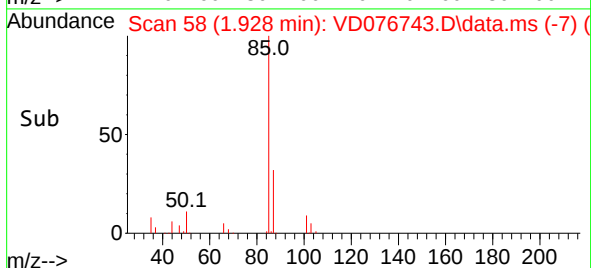
Reviewed By :John Carlone 07/17/2023
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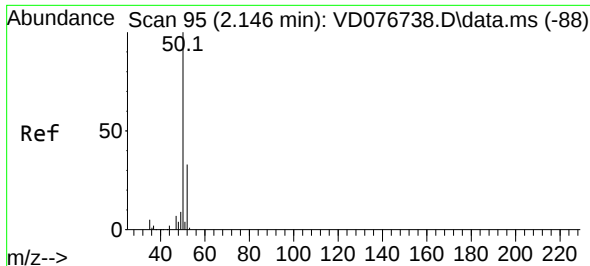


#2
Dichlorodifluoromethane
Concen: 51.124 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



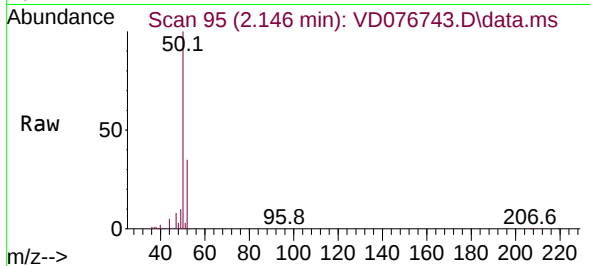
Tgt Ion: 85 Resp: 73633
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0





#3
Chloromethane
Concen: 51.368 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

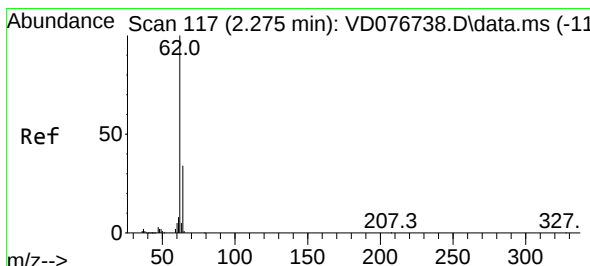
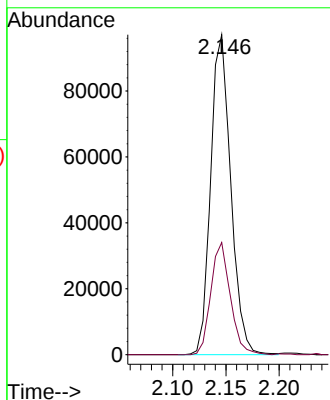
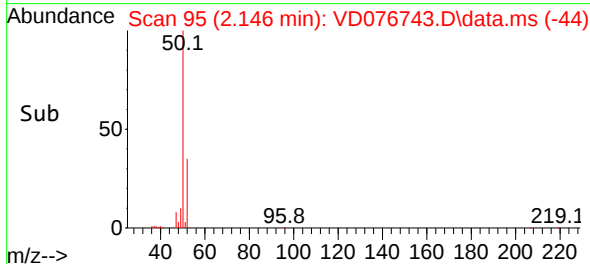
Instrument :
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Tgt Ion: 50 Resp: 127620
Ion Ratio Lower Upper
50 100
52 35.1 26.6 40.0

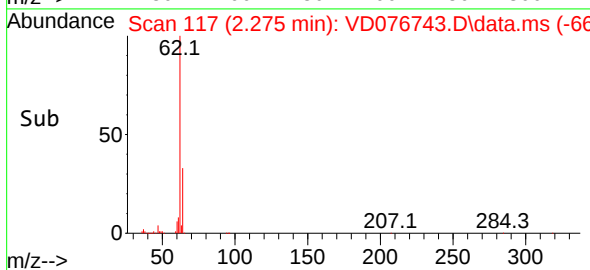
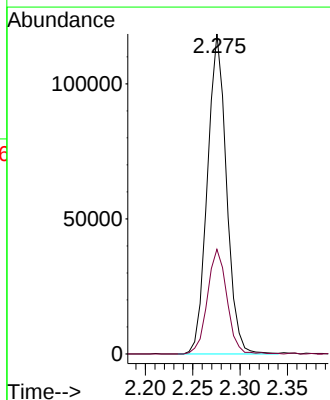
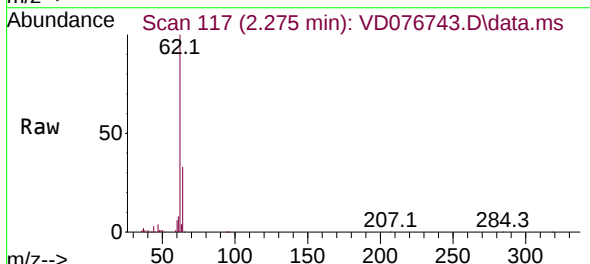
Manual Integrations
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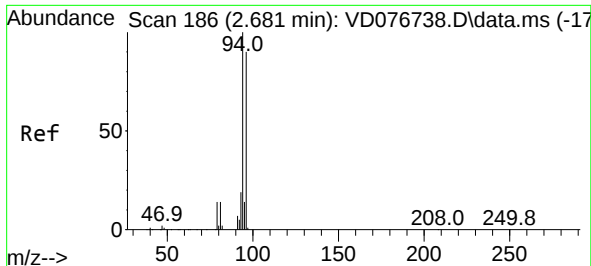
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#4
Vinyl Chloride
Concen: 50.054 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

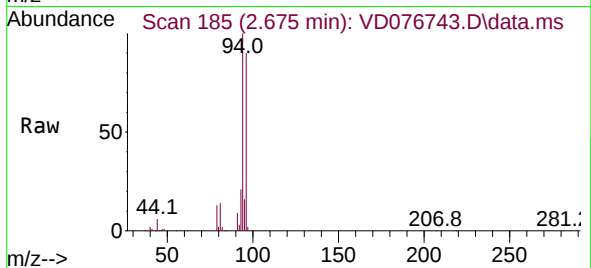
Tgt Ion: 62 Resp: 165777
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0





#5
Bromomethane
Concen: 42.499 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

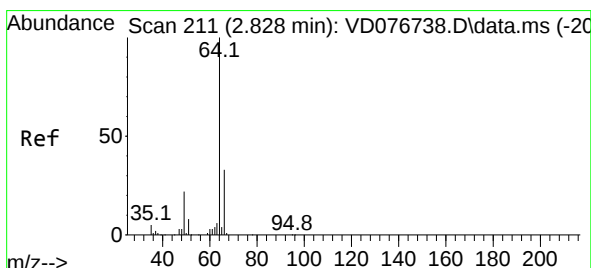
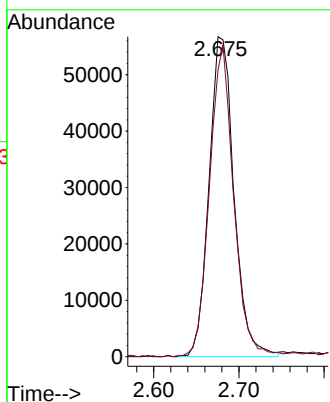
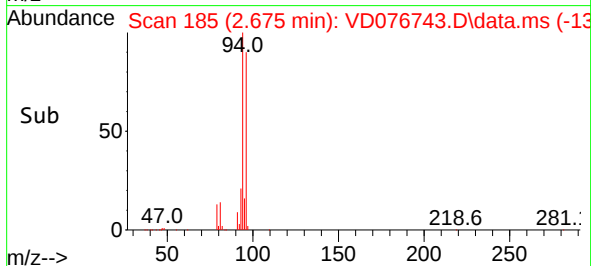
Instrument :
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Tgt Ion: 94 Resp: 115809
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.8

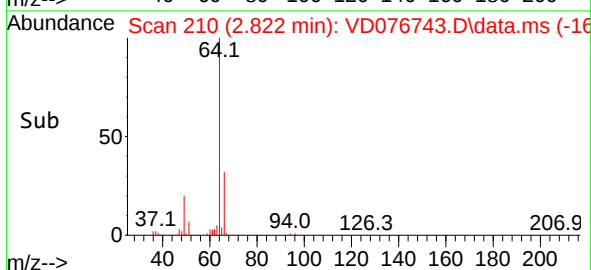
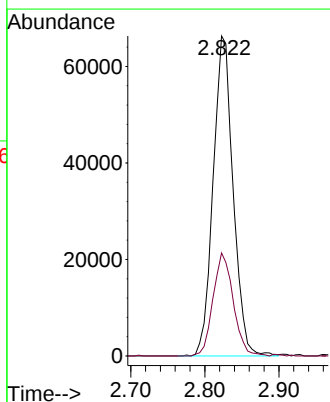
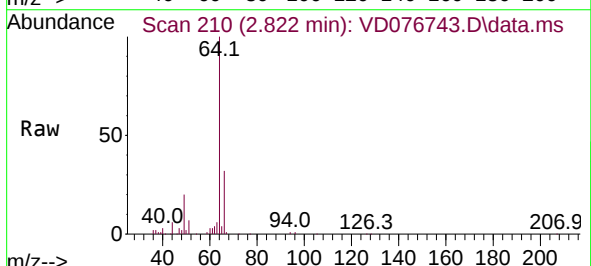
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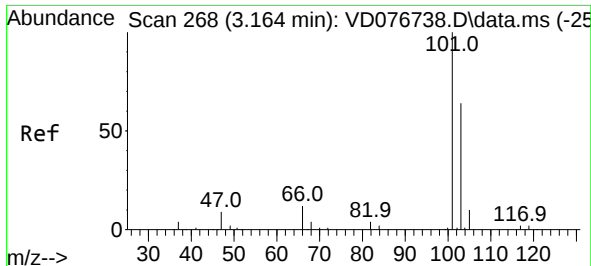
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#6
Chloroethane
Concen: 49.633 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 64 Resp: 124110
Ion Ratio Lower Upper
64 100
66 32.2 25.5 38.3





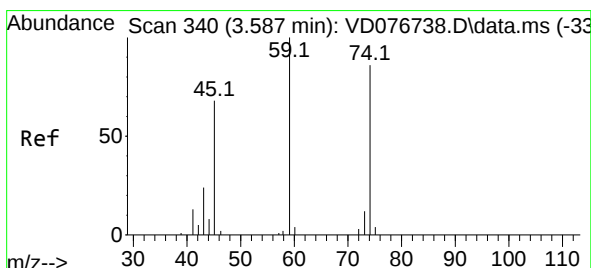
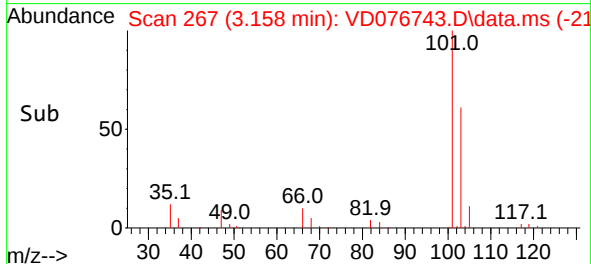
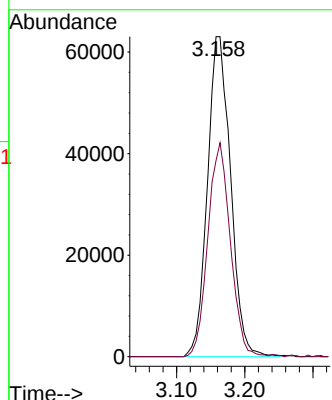
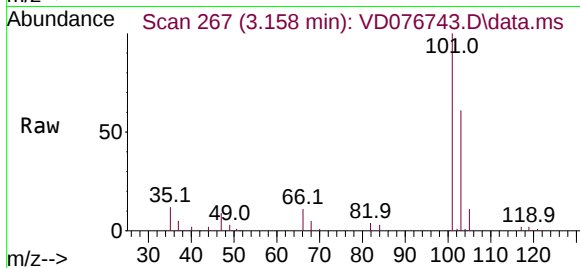
#7
Trichlorofluoromethane
Concen: 50.638 ug/l
RT: 3.158 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

Tgt Ion:101 Resp: 149229
Ion Ratio Lower Upper
101 100
103 61.3 52.3 78.5

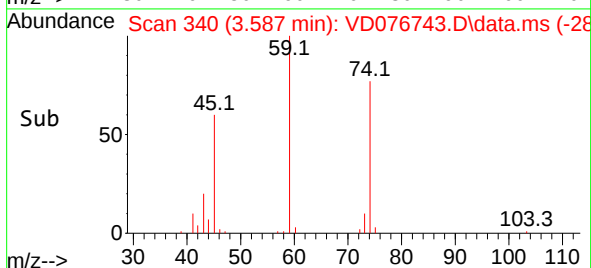
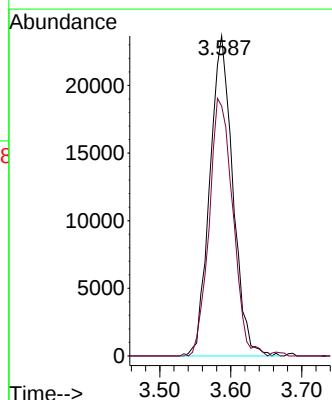
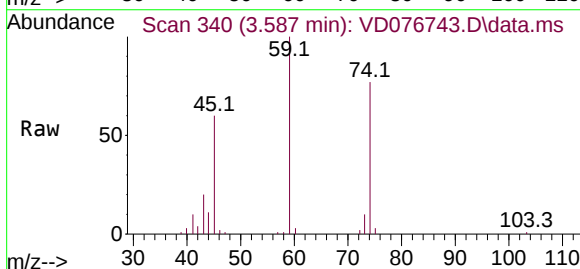
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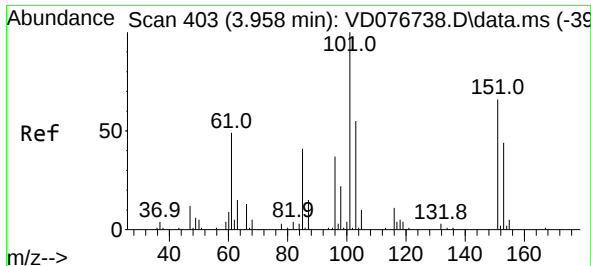
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#8
Diethyl Ether
Concen: 52.587 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 74 Resp: 53357
Ion Ratio Lower Upper
74 100
45 82.7 37.5 112.7





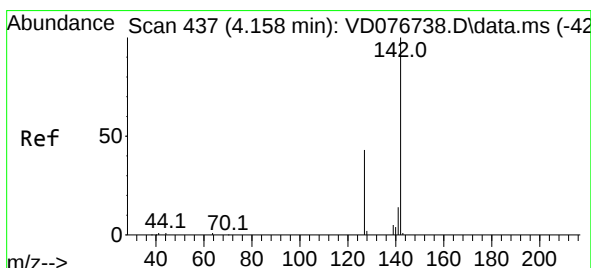
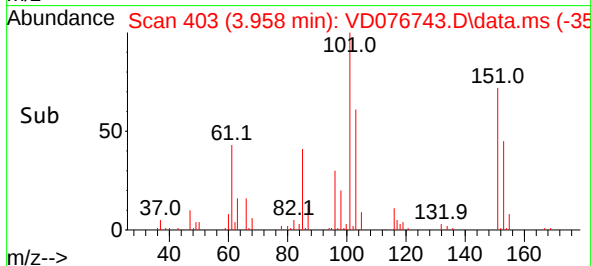
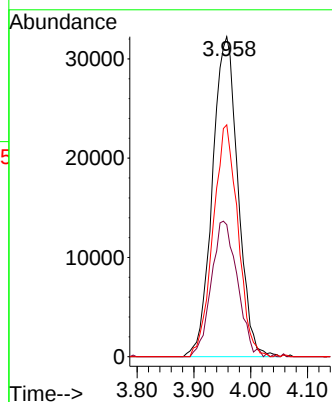
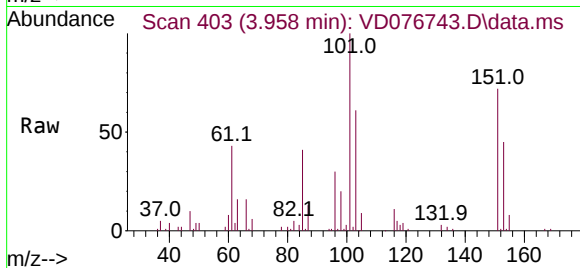
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.859 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

Tgt Ion:101 Resp: 100460
Ion Ratio Lower Upper
101 100
85 43.4 33.8 50.6
151 70.5 59.8 89.6

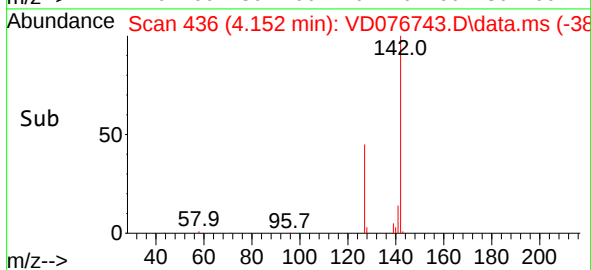
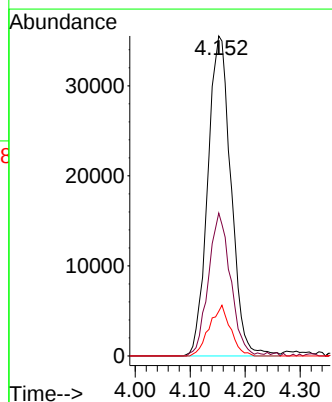
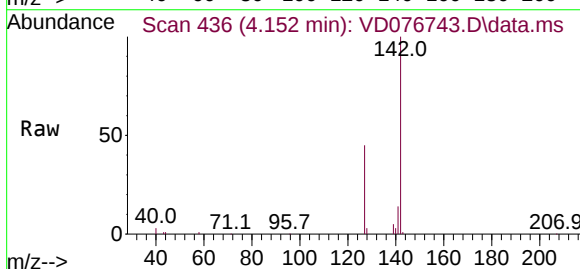
Manual Integrations
APPROVED

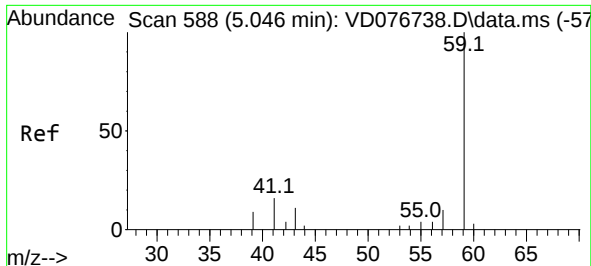
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#10
Methyl Iodide
Concen: 47.812 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

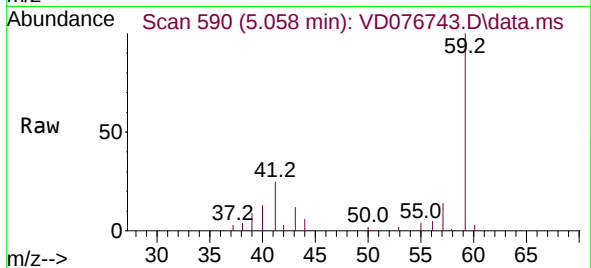
Tgt Ion:142 Resp: 104407
Ion Ratio Lower Upper
142 100
127 42.6 29.4 44.0
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 268.961 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

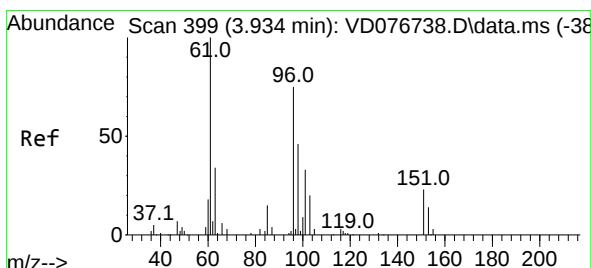
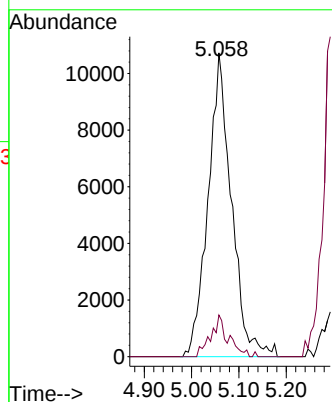
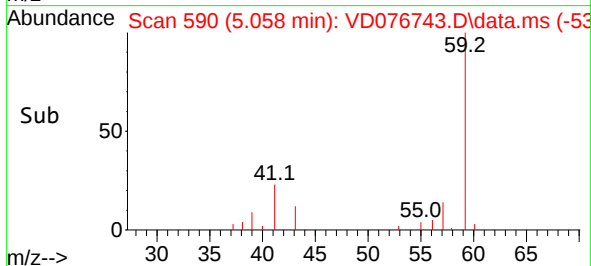
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



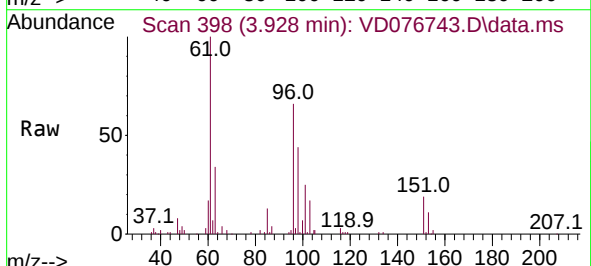
Tgt Ion: 59 Resp: 36819
Ion Ratio Lower Upper
59 100
57 7.7 7.8 11.8

Manual Integrations
APPROVED

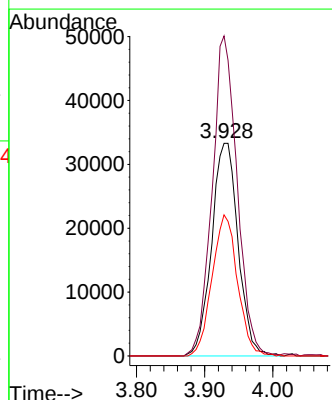
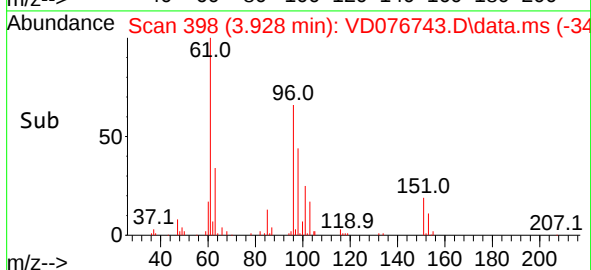
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

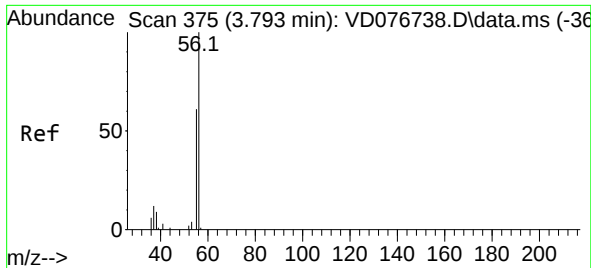


#12
1,1-Dichloroethene
Concen: 49.349 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



Tgt Ion: 96 Resp: 89815
Ion Ratio Lower Upper
96 100
61 150.4 100.6 150.8
98 66.3 50.2 75.2





#13

Acrolein

Concen: 251.747 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

Tgt Ion: 56 Resp: 2348

Ion Ratio Lower Upper

56 100

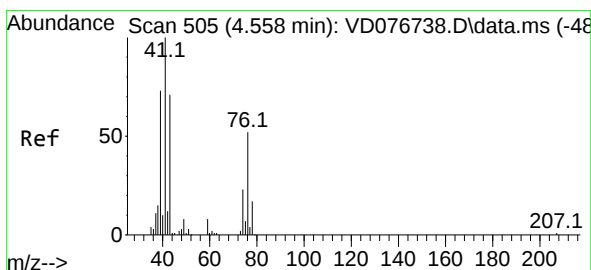
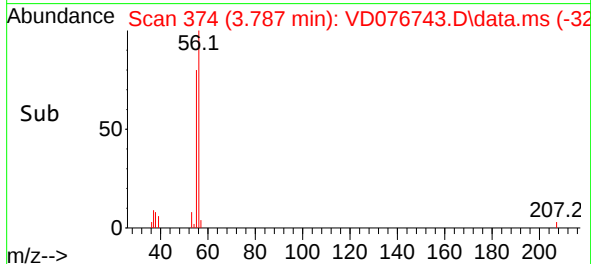
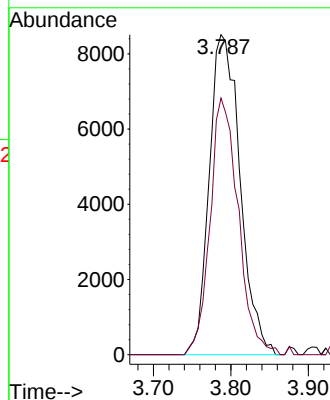
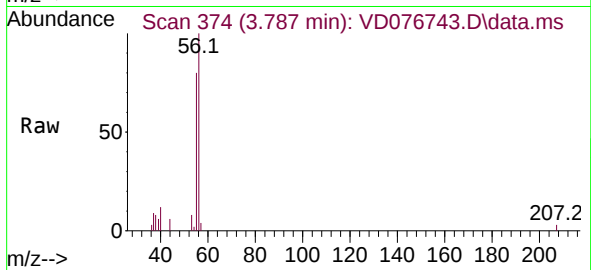
55 73.3 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#14

Allyl chloride

Concen: 49.998 ug/l

RT: 4.546 min Scan# 503

Delta R.T. -0.012 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

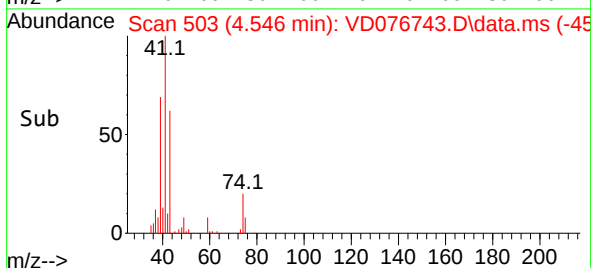
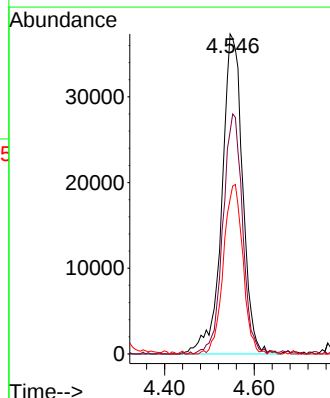
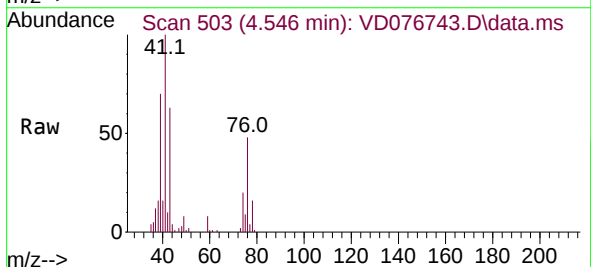
Tgt Ion: 41 Resp: 119538

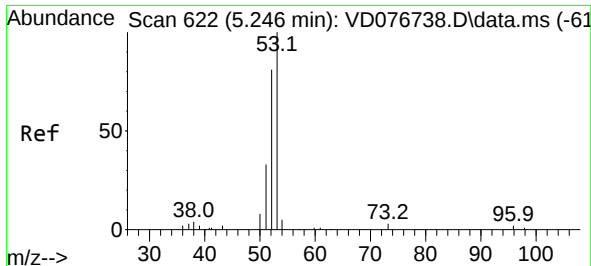
Ion Ratio Lower Upper

41 100

39 71.5 53.8 80.6

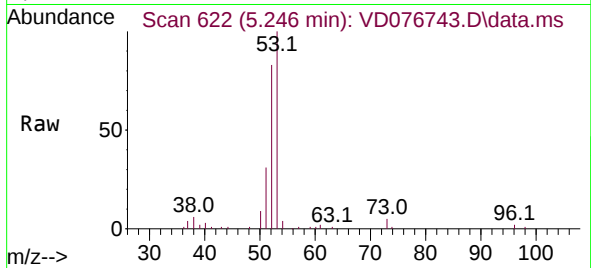
76 49.7 45.8 68.8





#15
Acrylonitrile
Concen: 258.359 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

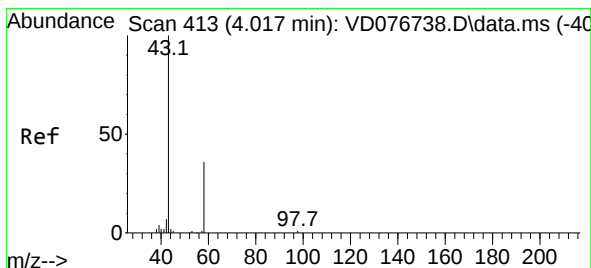
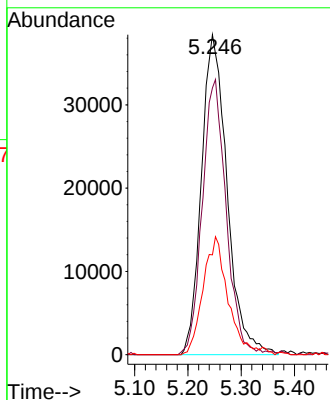
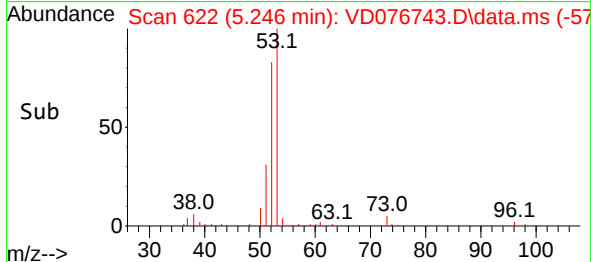
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



Tgt Ion: 53 Resp: 12875
Ion Ratio Lower Upper
53 100
52 80.1 65.0 97.4
51 35.5 28.3 42.5

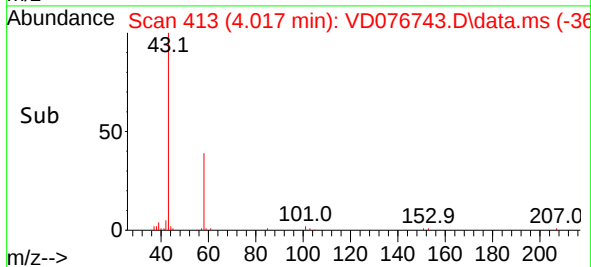
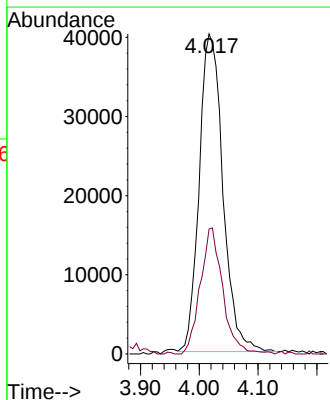
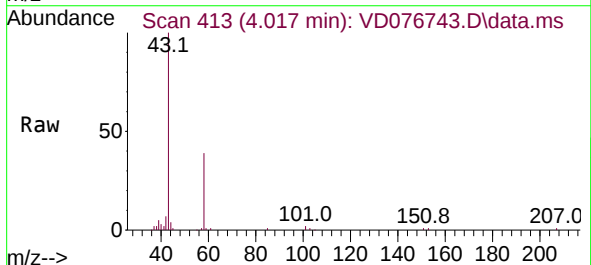
Manual Integrations
APPROVED

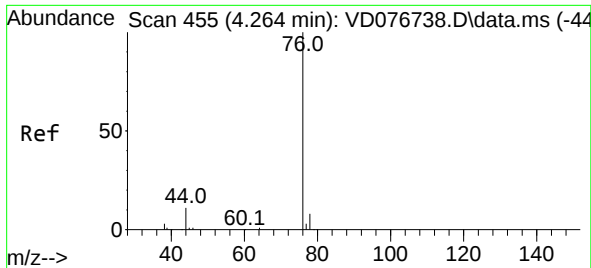
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#16
Acetone
Concen: 256.224 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 43 Resp: 112257
Ion Ratio Lower Upper
43 100
58 39.3 34.7 52.1





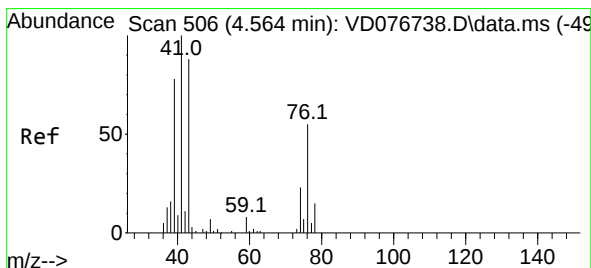
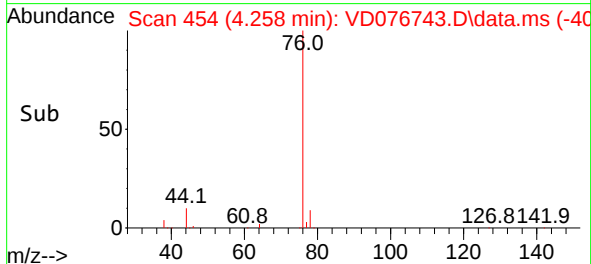
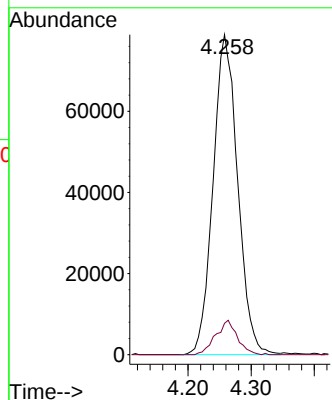
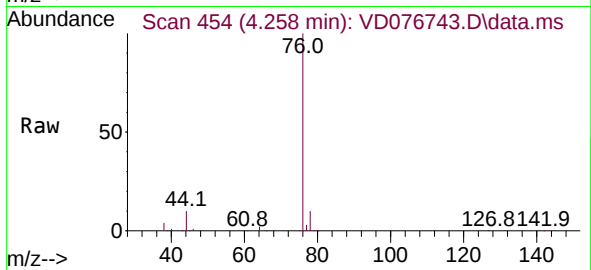
#17
Carbon Disulfide
Concen: 50.198 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

Tgt Ion: 76 Resp: 21338
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2

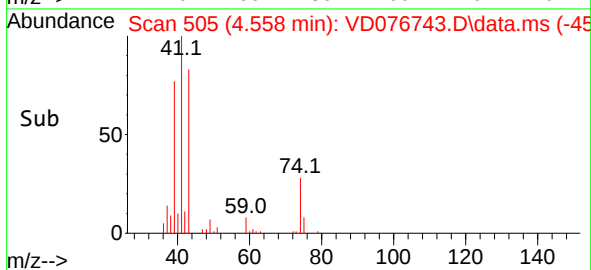
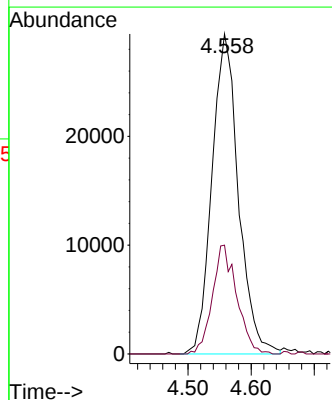
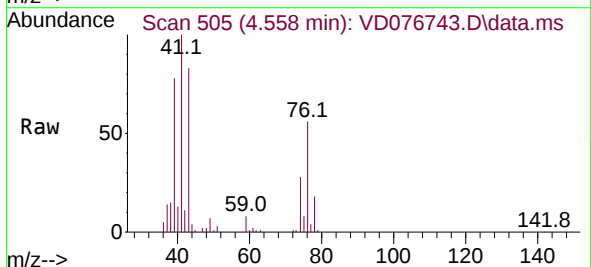
Manual Integrations
APPROVED

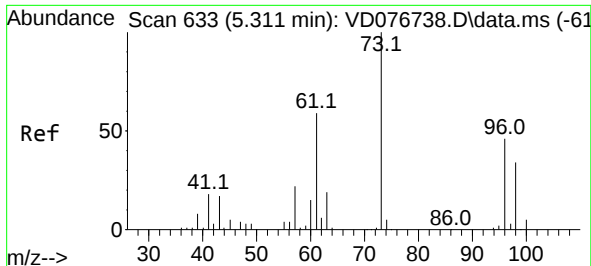
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#18
Methyl Acetate
Concen: 52.088 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

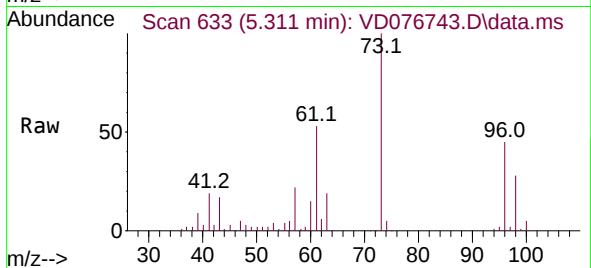
Tgt Ion: 43 Resp: 85740
Ion Ratio Lower Upper
43 100
74 31.3 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 52.470 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

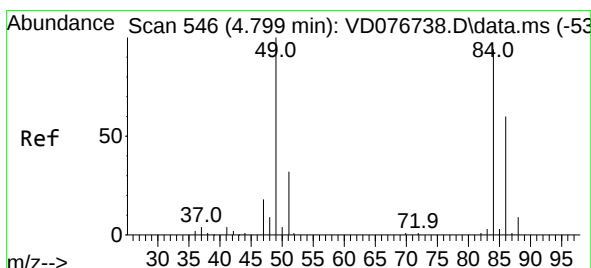
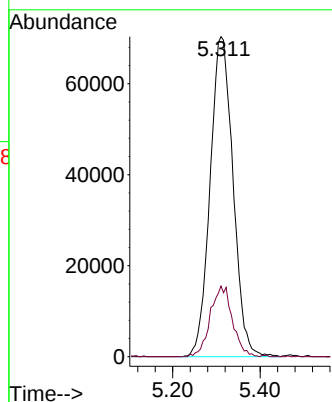
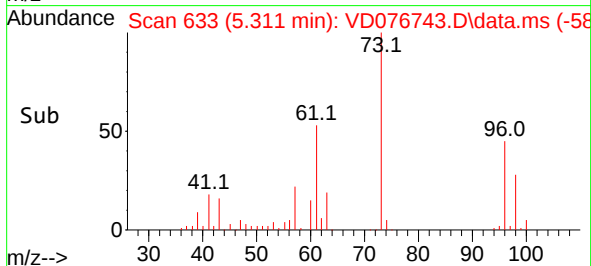
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



Tgt Ion: 73 Resp: 25609
Ion Ratio Lower Upper
73 100
57 22.1 16.6 25.0

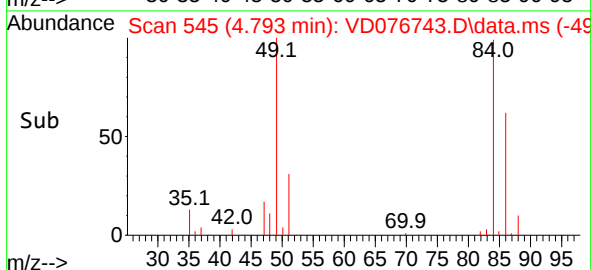
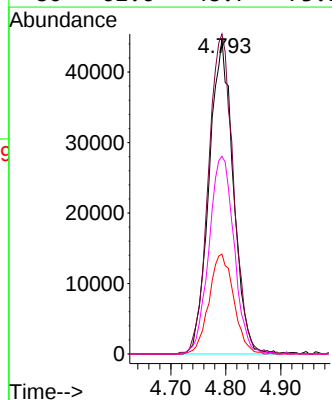
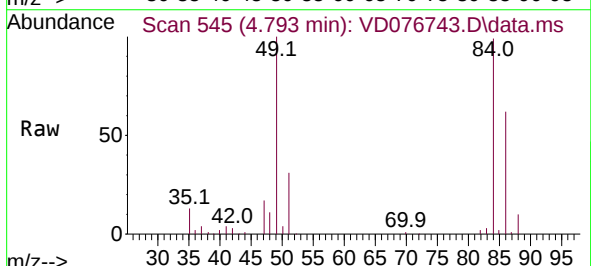
Manual Integrations
APPROVED

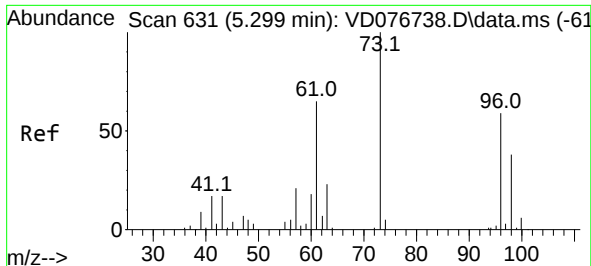
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 52.910 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 84 Resp: 136468
Ion Ratio Lower Upper
84 100
49 101.4 71.4 107.2
51 31.7 24.5 36.7
86 62.6 48.7 73.1





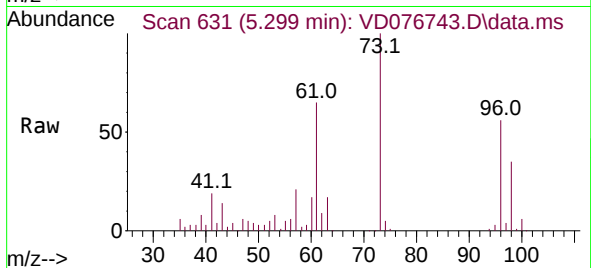
#21
trans-1,2-Dichloroethene
Concen: 50.289 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423



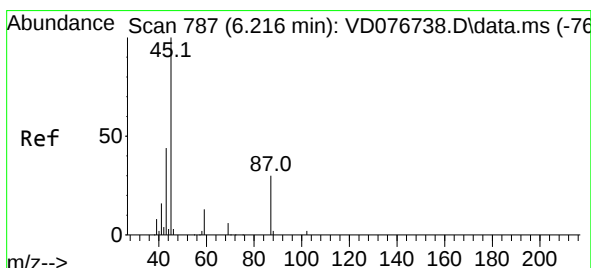
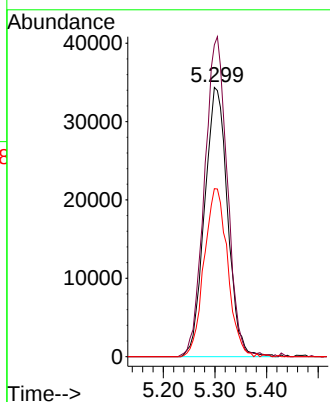
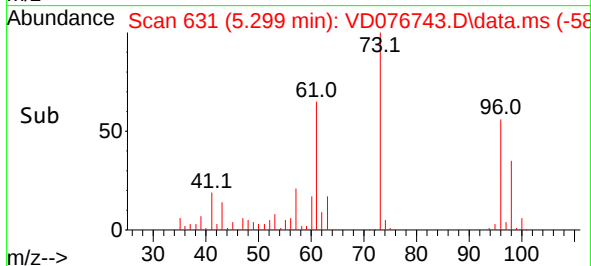
Tgt Ion: 96 Resp: 106390
Ion Ratio Lower Upper
96 100
61 115.8 89.3 133.9
98 62.4 48.6 73.0

Manual Integrations

APPROVED

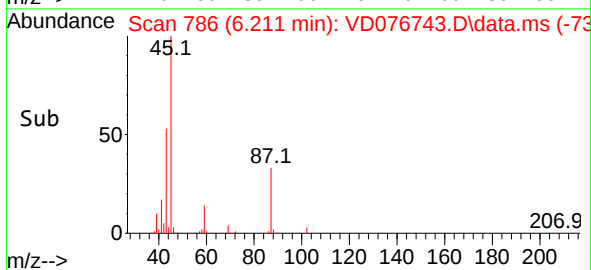
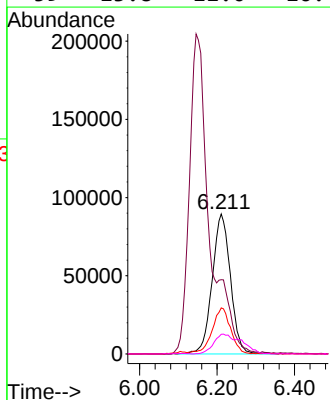
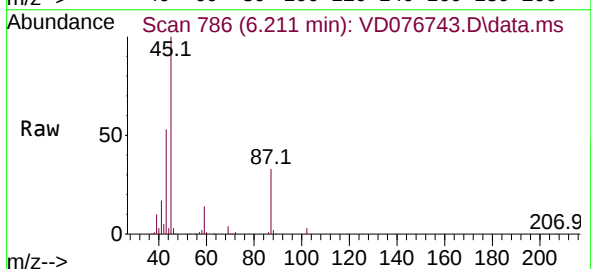
Reviewed By :John Carlone 07/17/2023

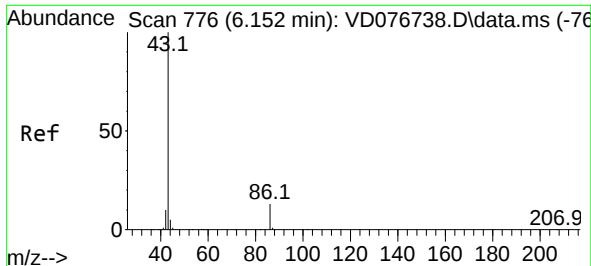
Supervised By :Mahesh Dadoda 07/17/2023



#22
Diisopropyl ether
Concen: 51.747 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

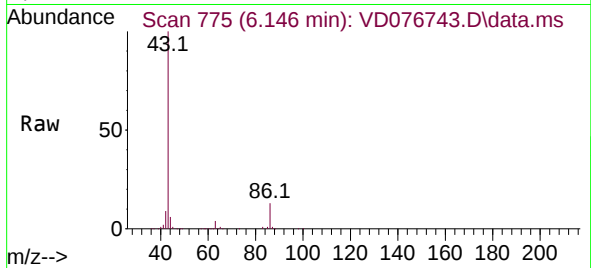
Tgt Ion: 45 Resp: 292965
Ion Ratio Lower Upper
45 100
43 52.5 40.0 60.0
87 32.9 28.2 42.4
59 13.8 11.0 16.4





#23
 Vinyl Acetate
 Concen: 263.991 ug/l m
 RT: 6.146 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

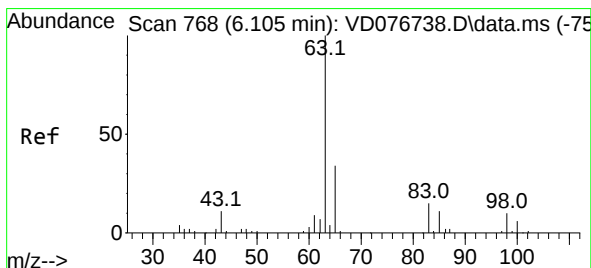
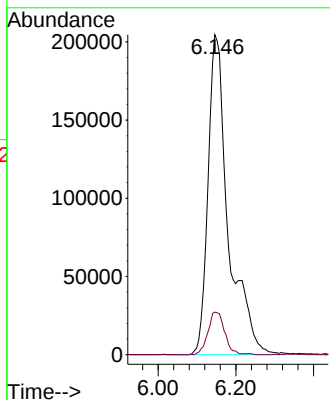
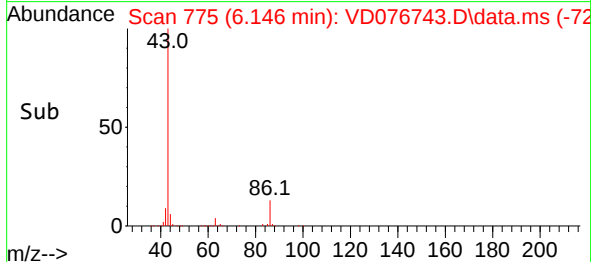
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071423



Tgt Ion: 43 Resp: 739502
 Ion Ratio Lower Upper
 43 100
 86 13.3 12.5 18.7

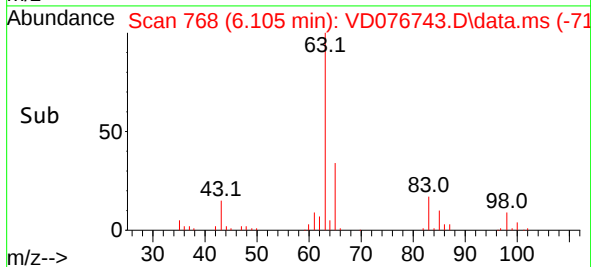
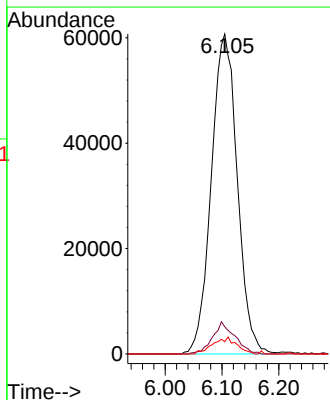
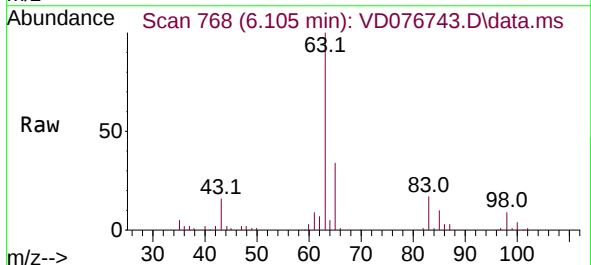
Manual Integrations
 APPROVED

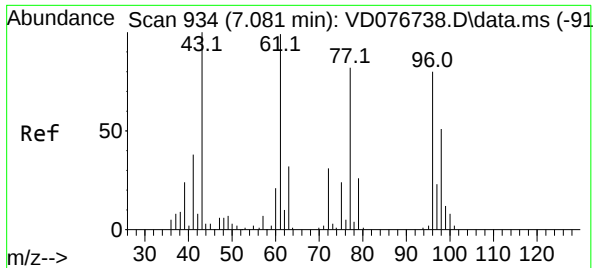
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#24
 1,1-Dichloroethane
 Concen: 50.539 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

Tgt Ion: 63 Resp: 192916
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.5 13.7
 100 3.9 2.5 7.5





#25

2-Butanone

Concen: 267.702 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

Tgt Ion: 43 Resp: 15696

Ion Ratio Lower Upper

43 100

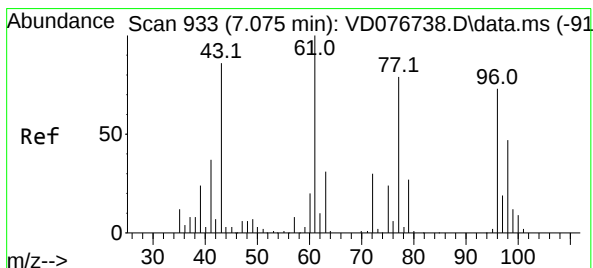
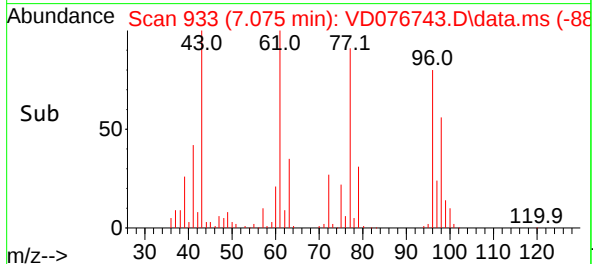
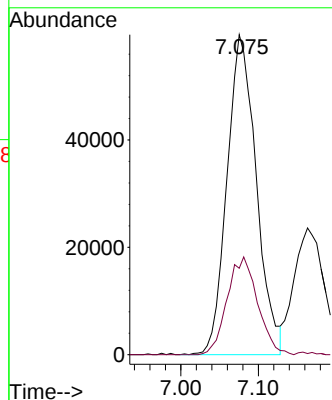
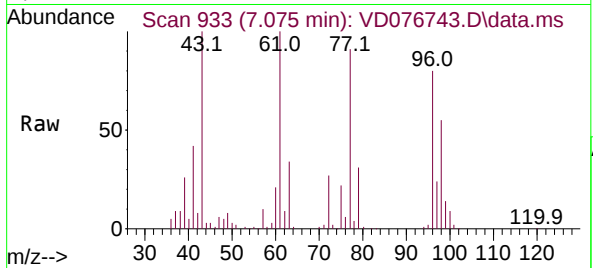
72 27.0 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#26

2,2-Dichloropropane

Concen: 51.238 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076743.D

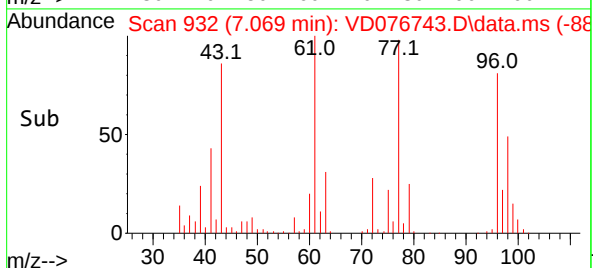
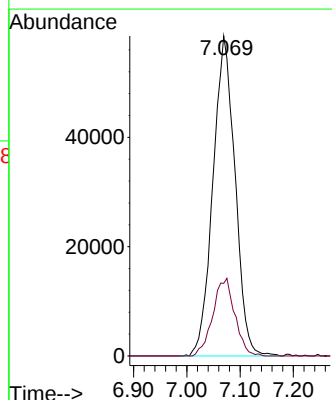
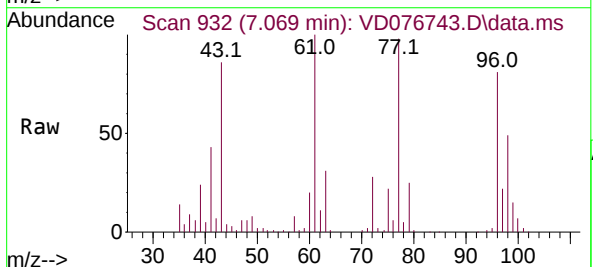
Acq: 14 Jul 2023 16:35

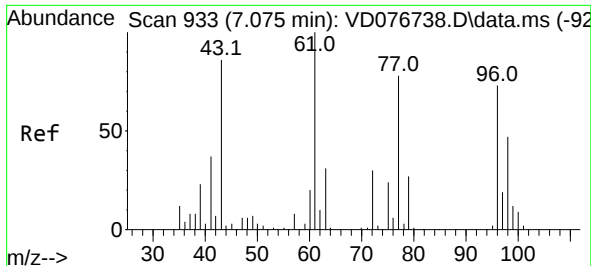
Tgt Ion: 77 Resp: 168599

Ion Ratio Lower Upper

77 100

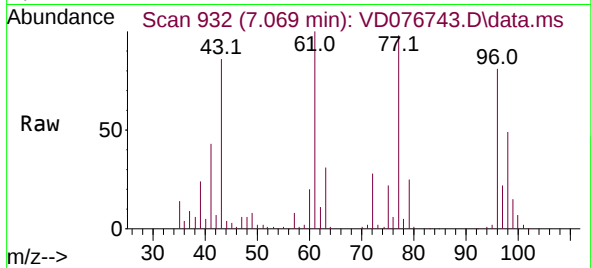
97 24.2 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 51.873 ug/l
RT: 7.069 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

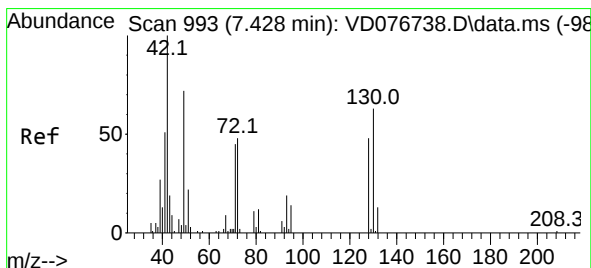
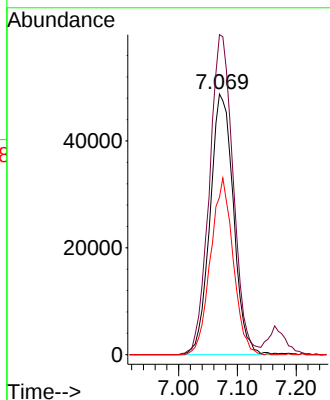
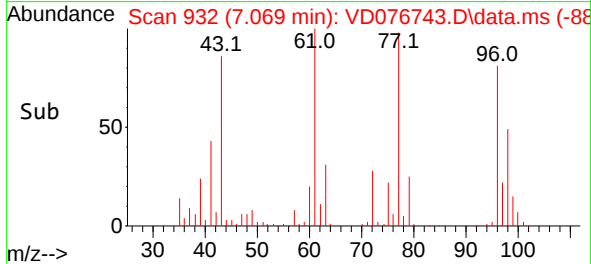
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



Tgt Ion: 96 Resp: 135285
Ion Ratio Lower Upper
96 100
61 124.7 0.0 239.2
98 64.9 0.0 128.6

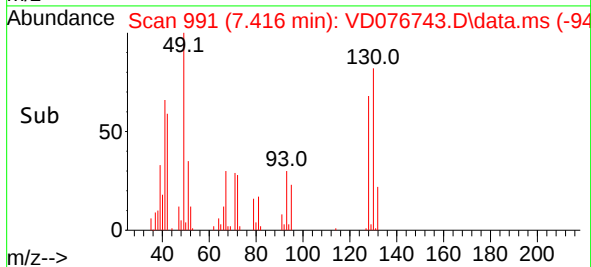
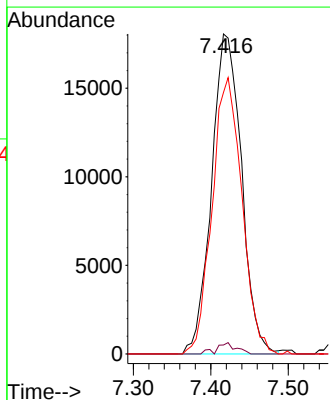
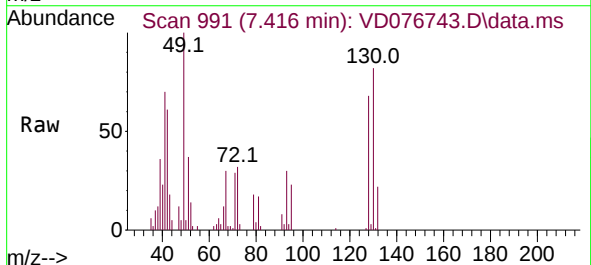
Manual Integrations
APPROVED

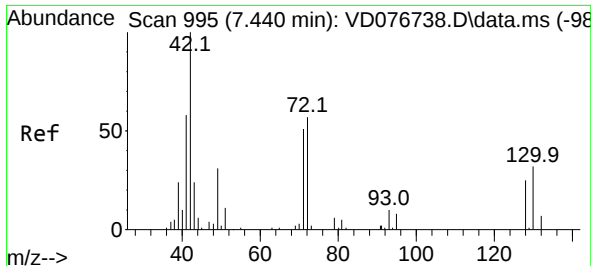
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#28
Bromochloromethane
Concen: 50.776 ug/l
RT: 7.416 min Scan# 991
Delta R.T. -0.012 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 49 Resp: 48458
Ion Ratio Lower Upper
49 100
129 2.3 0.0 6.0
130 86.1 83.2 124.8





#29

Tetrahydrofuran

Concen: 266.042 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

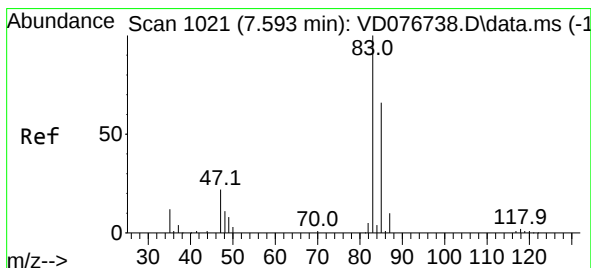
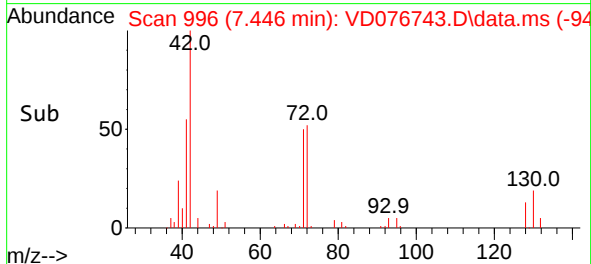
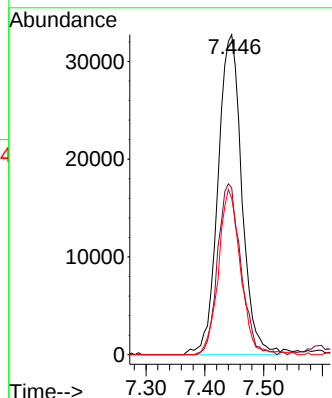
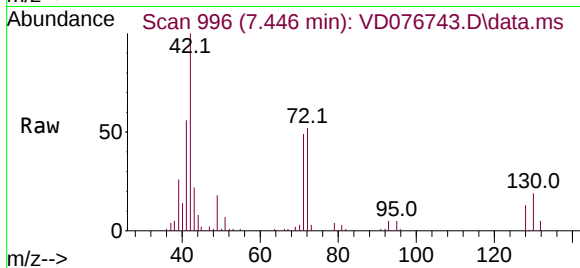
Tgt Ion:	42	Resp:	9216
Ion Ratio	Lower	Upper	
42	100		
72	51.7	46.5	69.7
71	47.6	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Chloroform

Concen: 51.195 ug/l

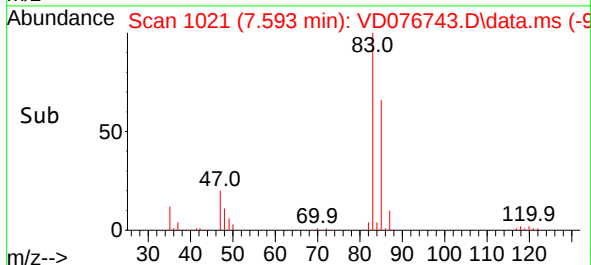
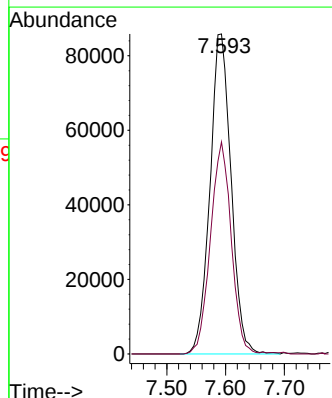
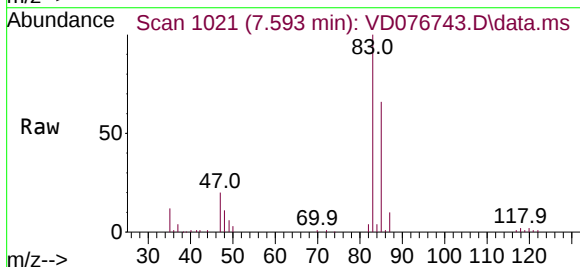
RT: 7.593 min Scan# 1021

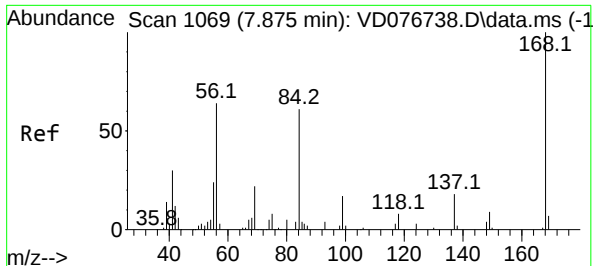
Delta R.T. -0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Tgt Ion:	83	Resp:	214040
Ion Ratio	Lower	Upper	
83	100		
85	66.3	53.4	80.2





#31

Cyclohexane

Concen: 48.813 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076743.D

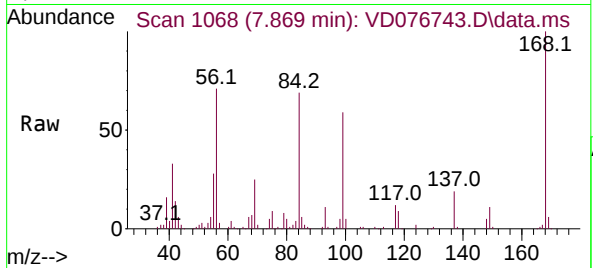
Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423



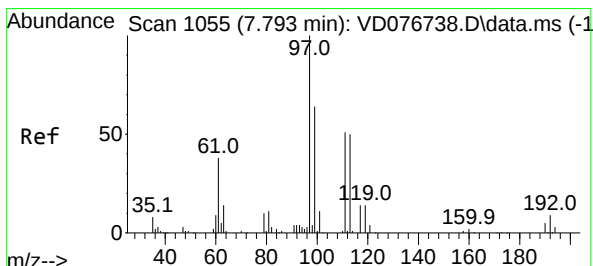
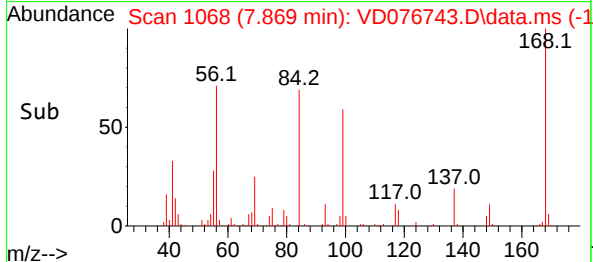
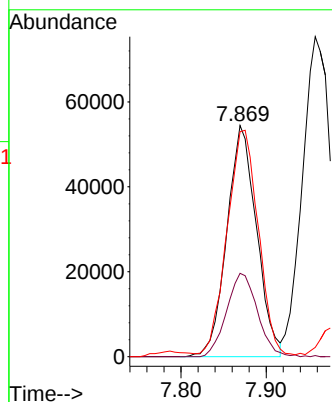
Tgt Ion:	56	Resp:	13178
Ion Ratio	Lower	Upper	
56	100		
69	36.1	28.6	43.0
84	95.5	84.8	127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#32

1,1,1-Trichloroethane

Concen: 51.850 ug/l

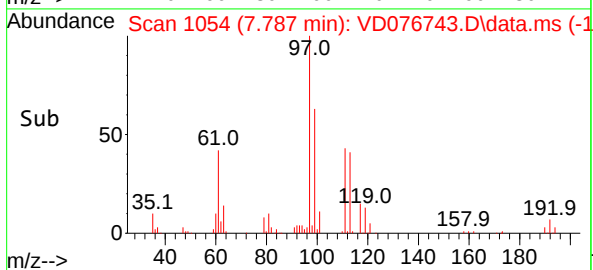
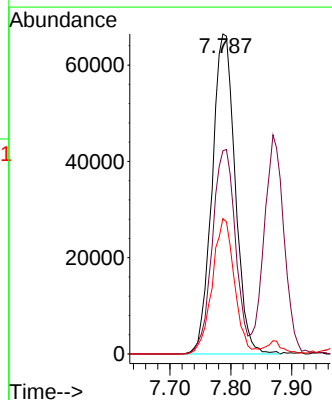
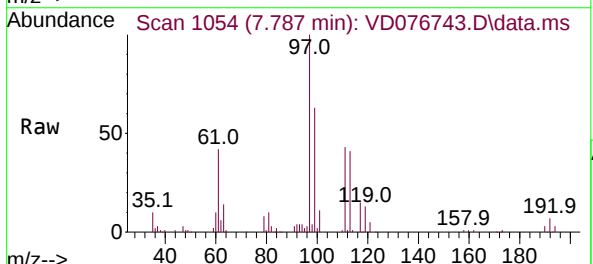
RT: 7.787 min Scan# 1054

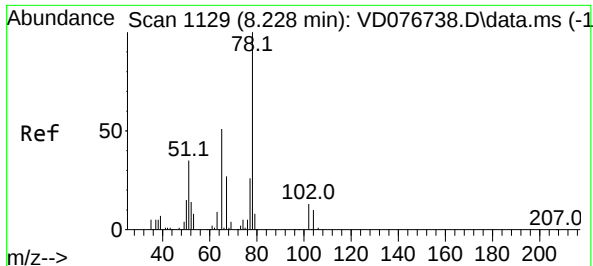
Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Tgt Ion:	97	Resp:	174902
Ion Ratio	Lower	Upper	
97	100		
99	64.0	52.0	78.0
61	40.8	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 49.997 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

Tgt Ion: 65 Resp: 91720

Ion Ratio Lower Upper

65 100

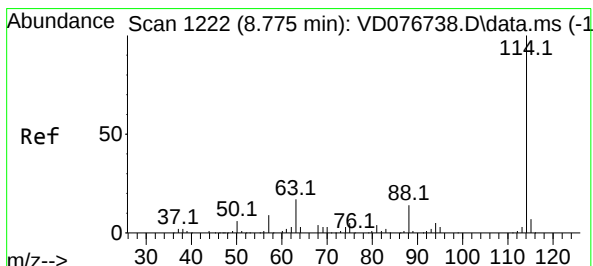
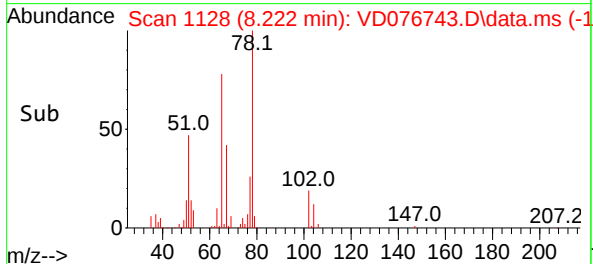
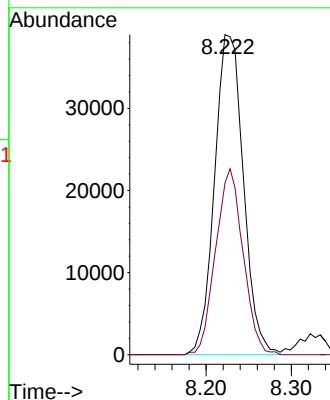
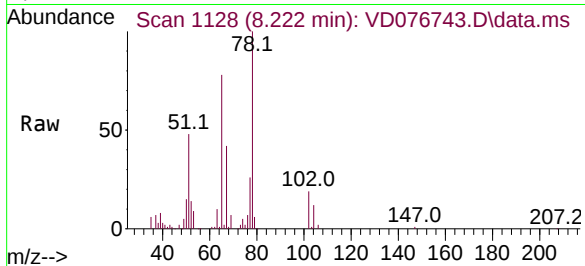
67 55.2 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

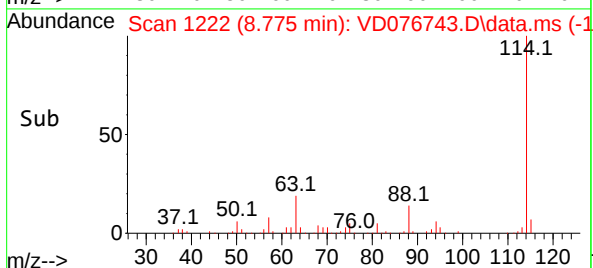
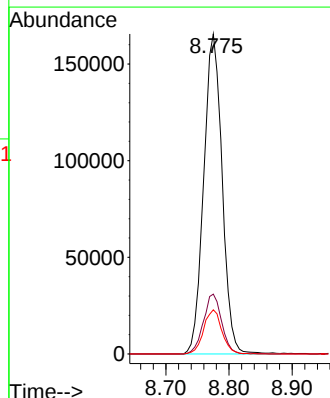
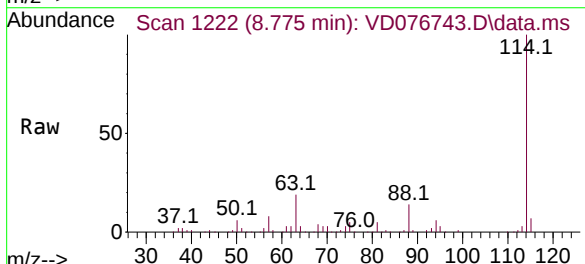
Tgt Ion:114 Resp: 335070

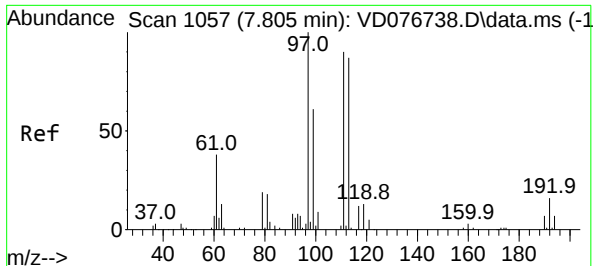
Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.304 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

Tgt Ion: 113 Resp: 105920

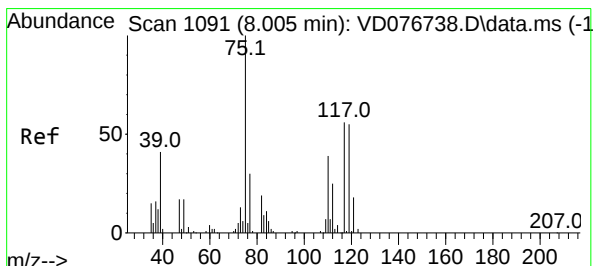
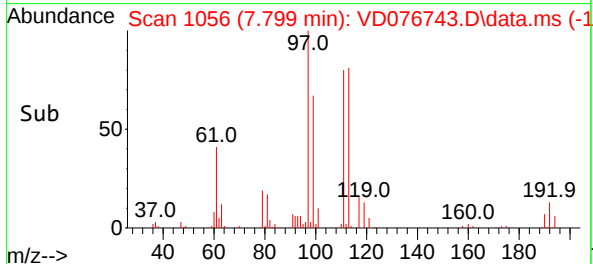
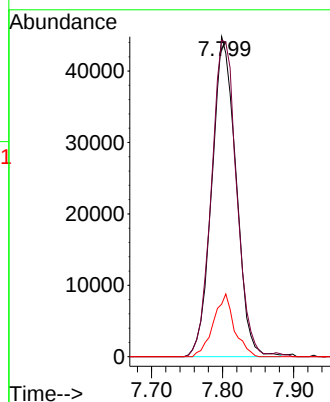
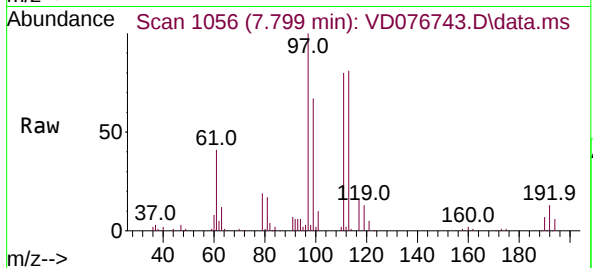
Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.7	127.1
192	16.9	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#36

1,1-Dichloropropene

Concen: 52.214 ug/l

RT: 8.005 min Scan# 1091

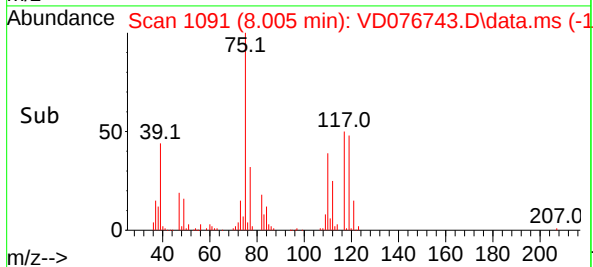
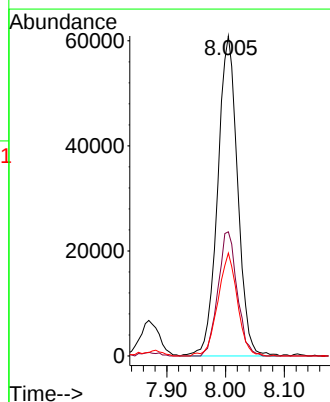
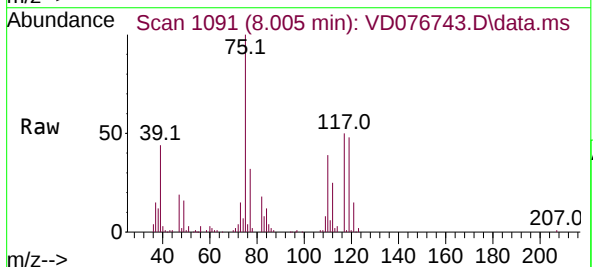
Delta R.T. -0.000 min

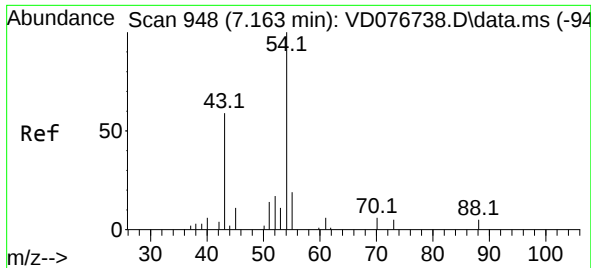
Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Tgt Ion: 75 Resp: 143663

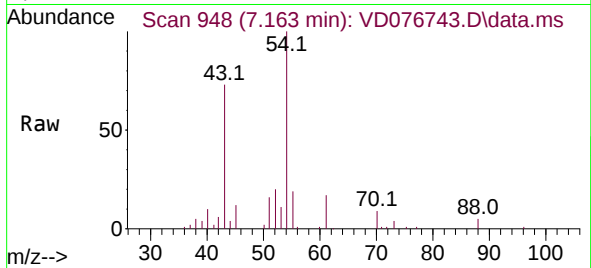
Ion	Ratio	Lower	Upper
75	100		
110	37.3	19.9	59.6
77	31.4	24.7	37.1





#37
Ethyl Acetate
Concen: 54.272 ug/l
RT: 7.163 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

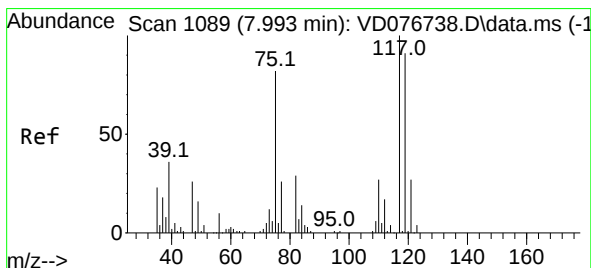
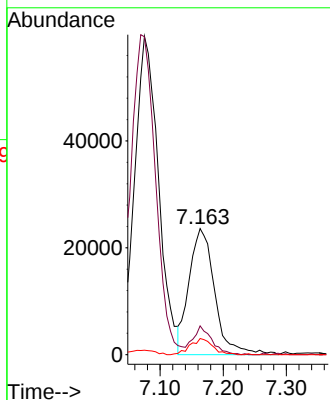
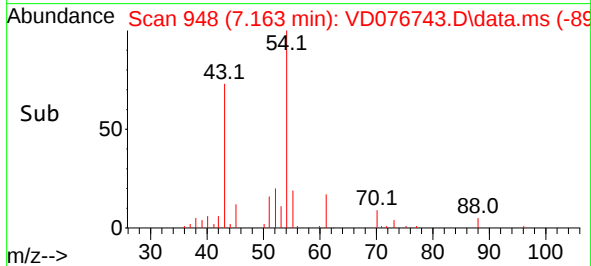
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



Tgt Ion: 43 Resp: 66780
Ion Ratio Lower Upper
43 100
61 16.5 14.9 22.3
70 11.1 10.0 15.0

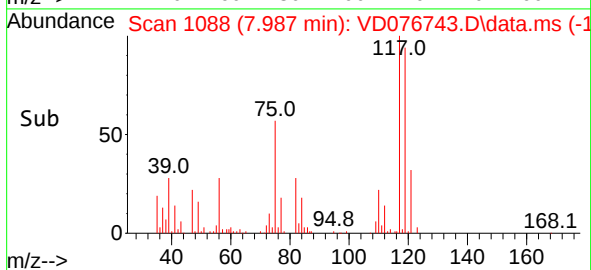
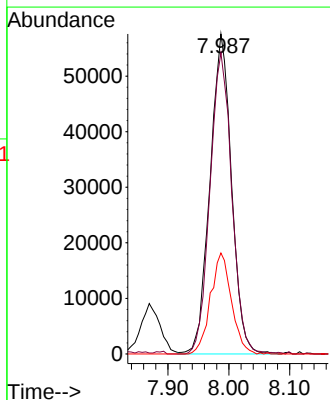
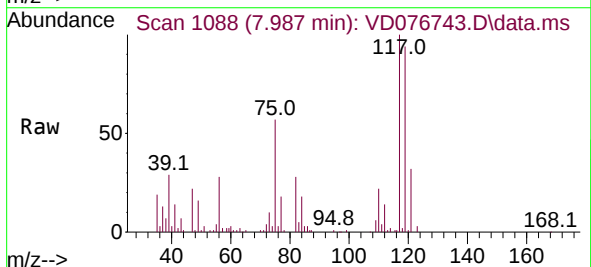
Manual Integrations
APPROVED

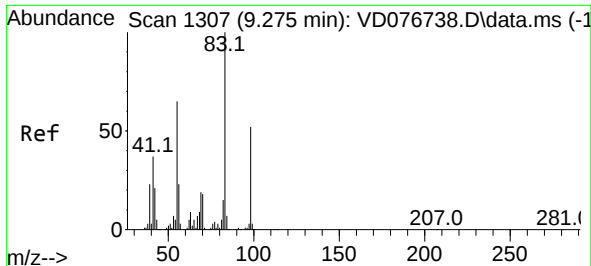
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#38
Carbon Tetrachloride
Concen: 53.700 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion:117 Resp: 141475
Ion Ratio Lower Upper
117 100
119 94.1 78.0 117.0
121 31.6 24.2 36.2





#39

Methylcyclohexane

Concen: 53.746 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076743.D

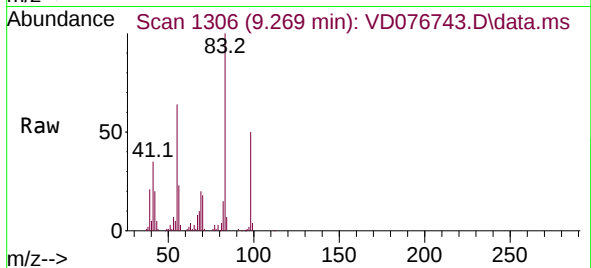
Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423



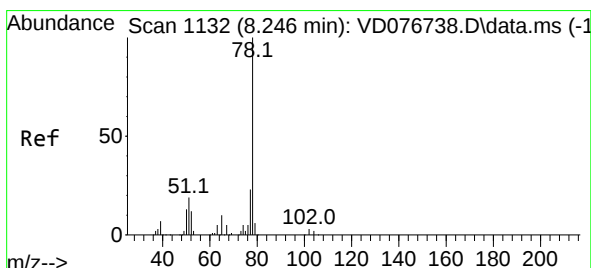
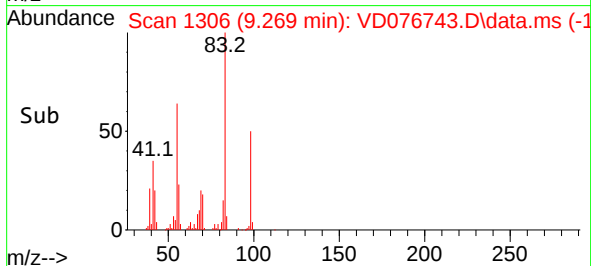
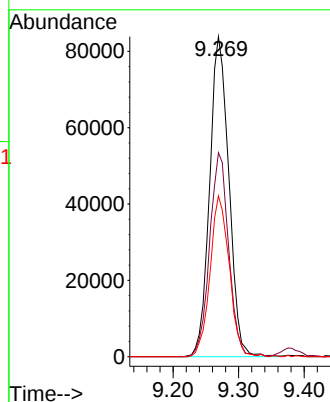
Tgt Ion:	83	Resp:	170750
Ion	Ratio	Lower	Upper
83	100		
55	63.8	49.4	74.0
98	50.3	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#40

Benzene

Concen: 51.052 ug/l

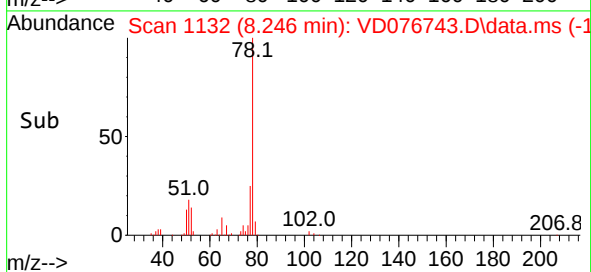
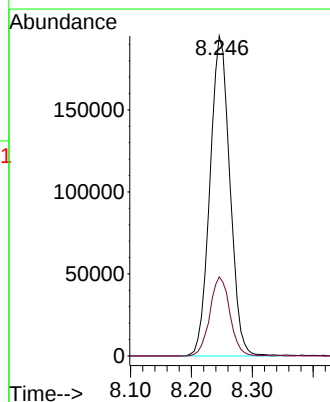
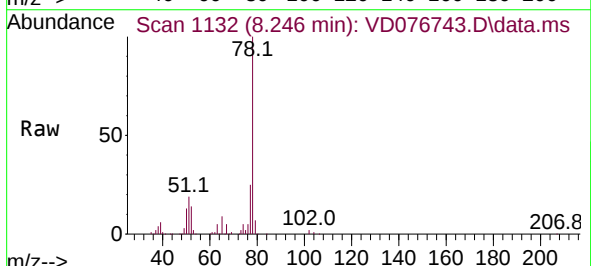
RT: 8.246 min Scan# 1132

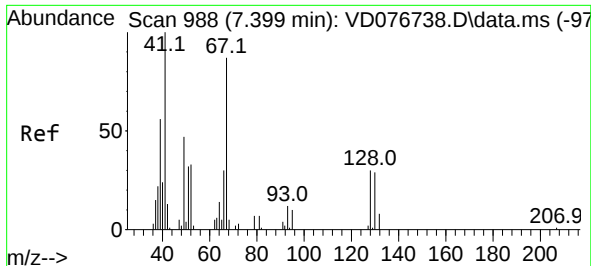
Delta R.T. -0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Tgt Ion:	78	Resp:	443211
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.4	29.0





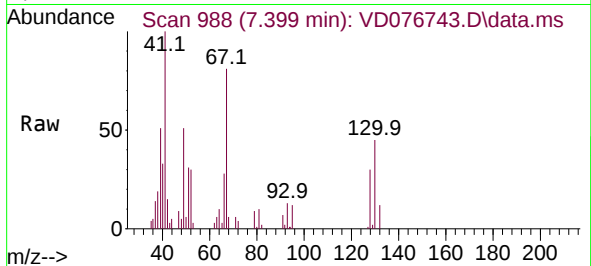
#41
Methacrylonitrile
Concen: 52.467 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

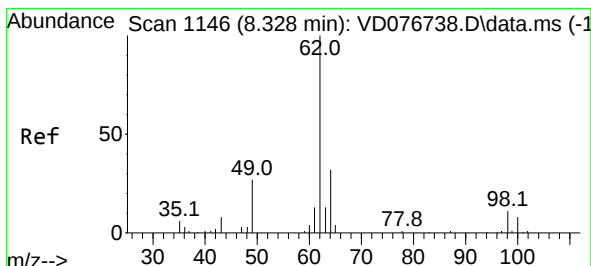
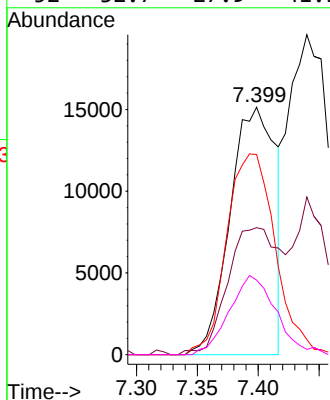
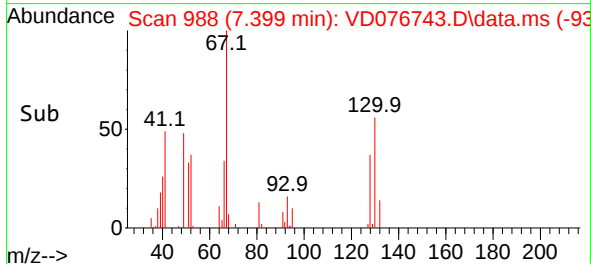
ICVVD071423



Tgt Ion: 41 Resp: 39424
Ion Ratio Lower Upper
41 100
39 59.6 34.0 51.0
67 86.3 77.0 115.4
52 32.7 27.9 41.9

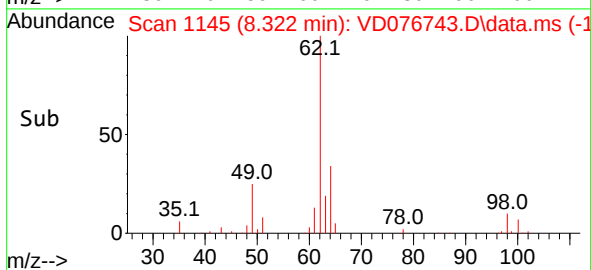
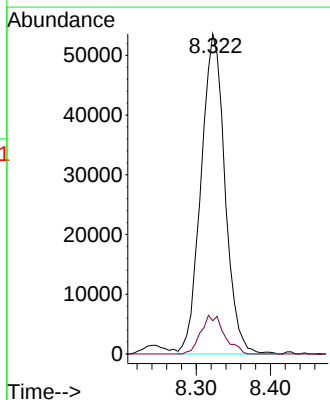
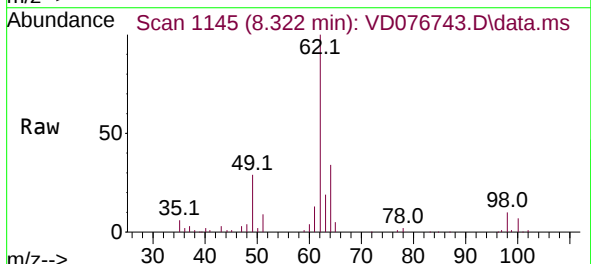
Manual Integrations
APPROVED

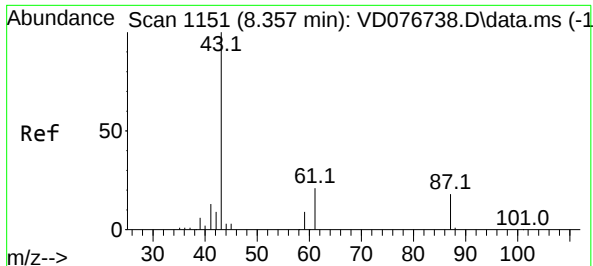
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#42
1,2-Dichloroethane
Concen: 53.323 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

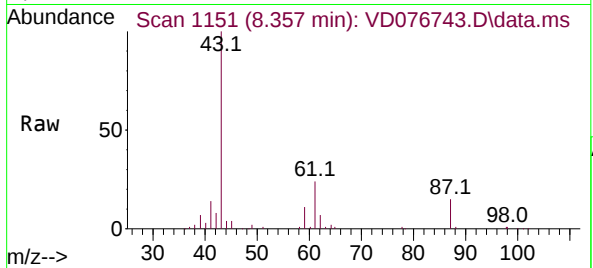
Tgt Ion: 62 Resp: 120282
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4





#43
Isopropyl Acetate
Concen: 53.560 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

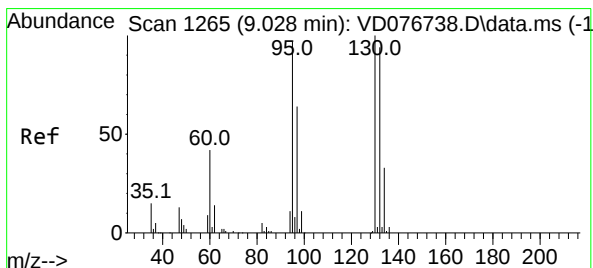
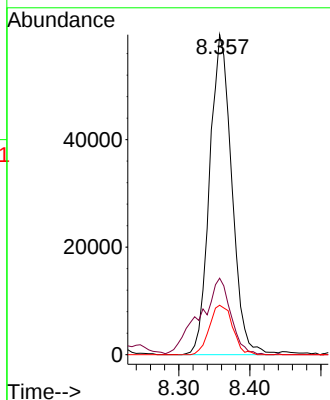
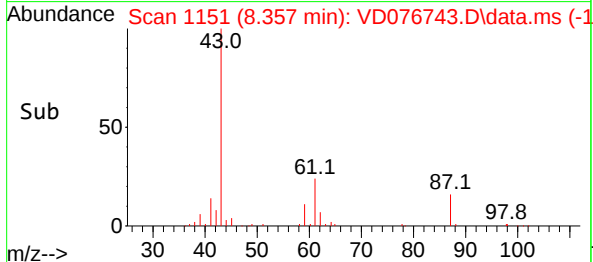
Instrument : MSVOA_D
ClientSampleId : ICVVD071423



Tgt Ion: 43 Resp: 128618
Ion Ratio Lower Upper
43 100
61 33.4 31.4 47.0
87 16.2 14.9 22.3

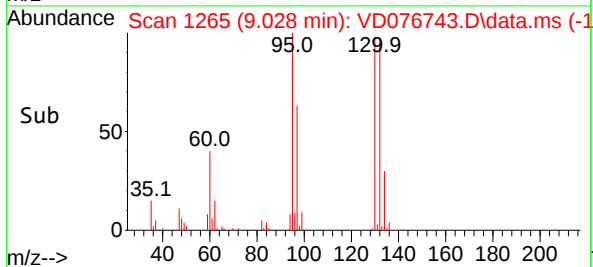
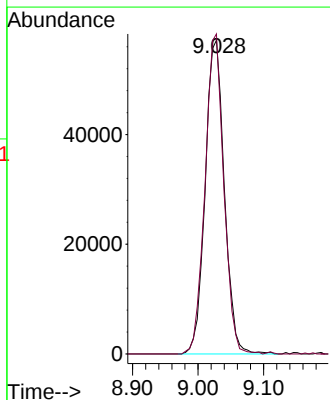
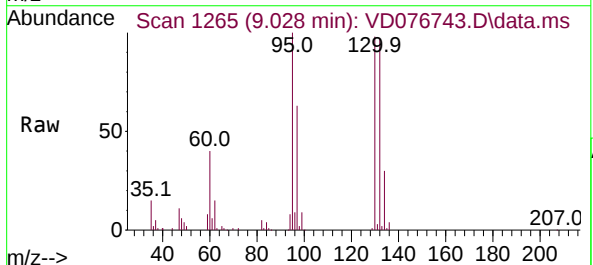
Manual Integrations
APPROVED

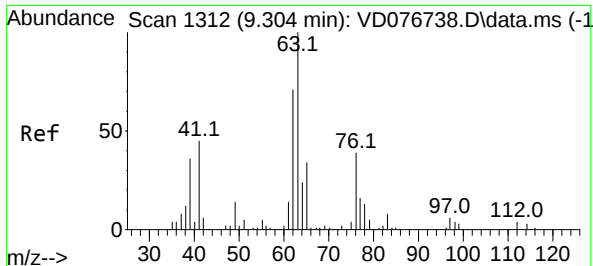
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#44
Trichloroethene
Concen: 49.167 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion:130 Resp: 116315
Ion Ratio Lower Upper
130 100
95 102.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.956 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

Tgt Ion: 63 Resp: 114192

Ion Ratio Lower Upper

63 100

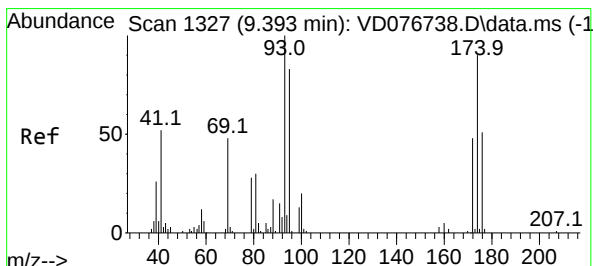
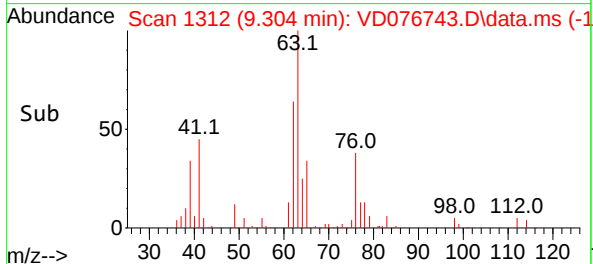
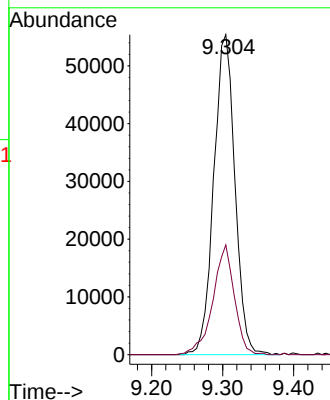
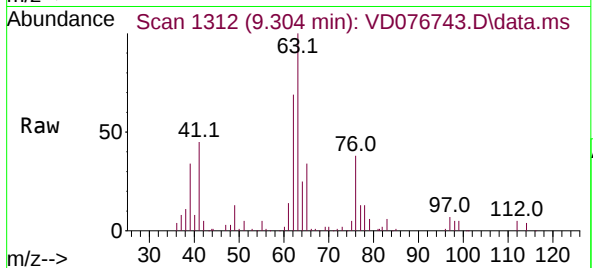
65 34.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#46

Dibromomethane

Concen: 52.912 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

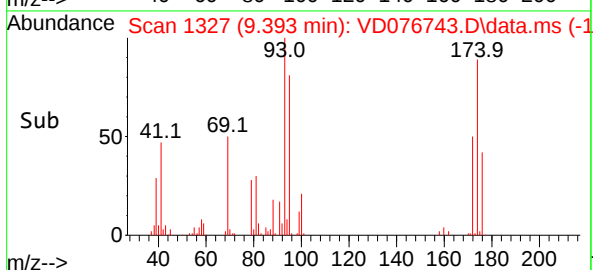
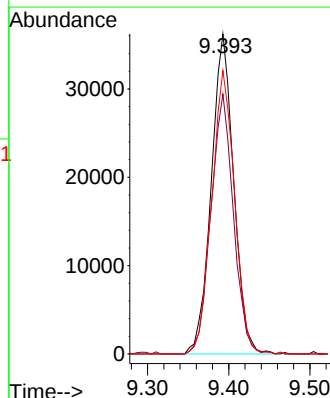
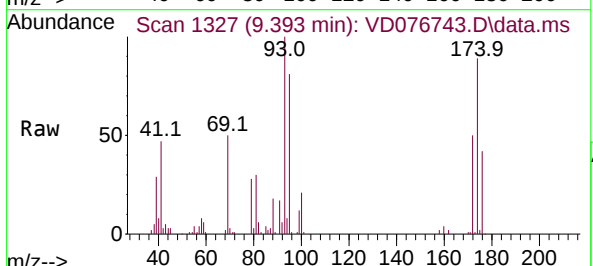
Tgt Ion: 93 Resp: 69407

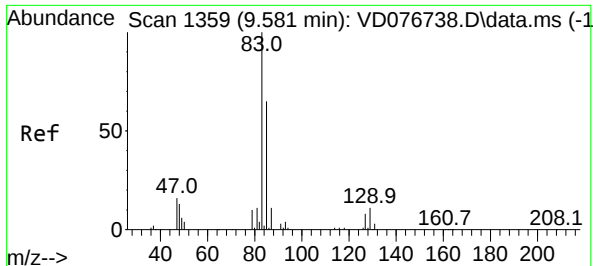
Ion Ratio Lower Upper

93 100

95 81.7 67.7 101.5

174 90.6 85.4 128.2





#47

Bromodichloromethane

Concen: 51.191 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

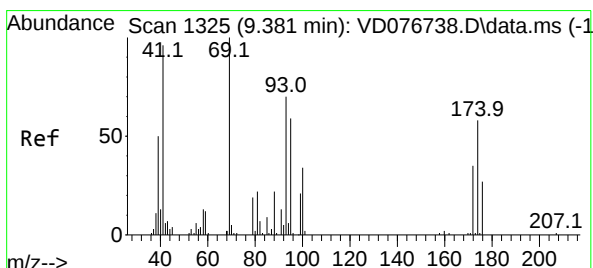
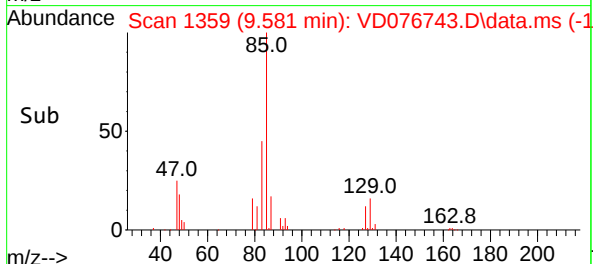
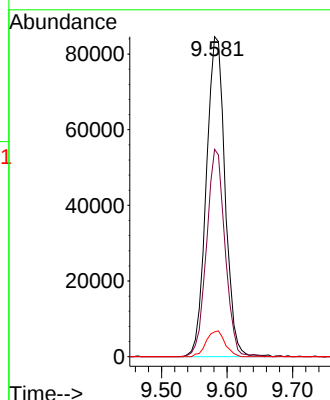
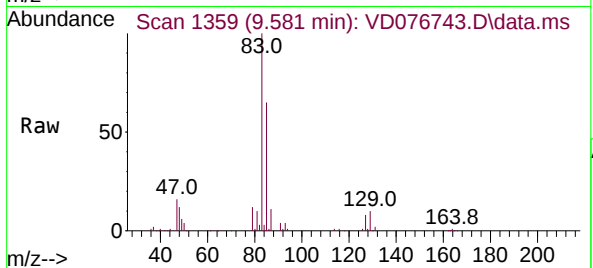
Tgt Ion:	83	Resp:	168509
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.2	75.4
127	7.7	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#48

Methyl methacrylate

Concen: 51.261 ug/l

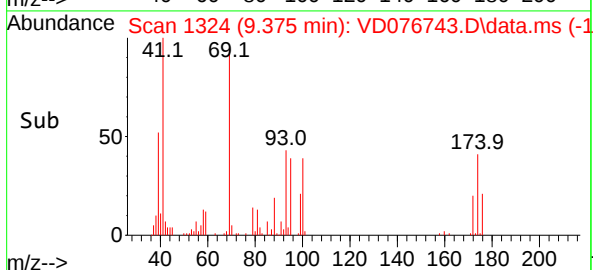
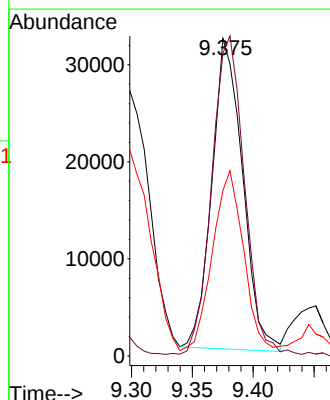
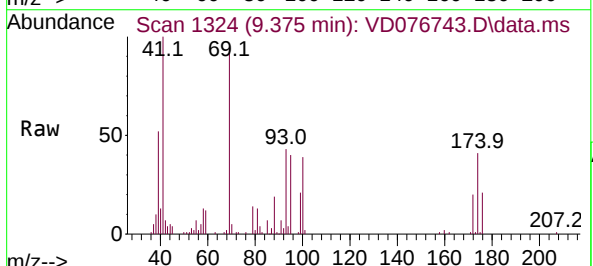
RT: 9.375 min Scan# 1324

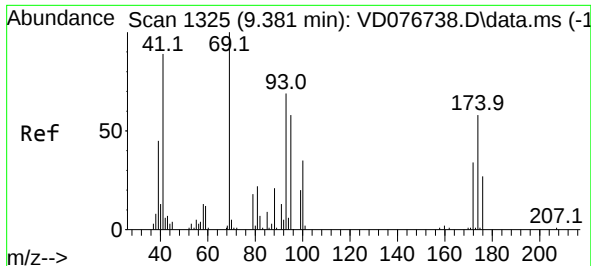
Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

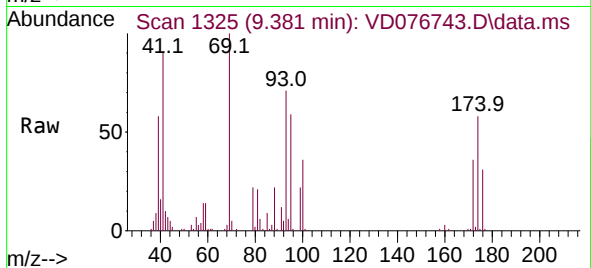
Tgt Ion:	41	Resp:	56026
Ion	Ratio	Lower	Upper
41	100		
69	108.7	102.2	153.2
39	61.8	41.4	62.2





#49
1,4-Dioxane
Concen: 1013.431 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

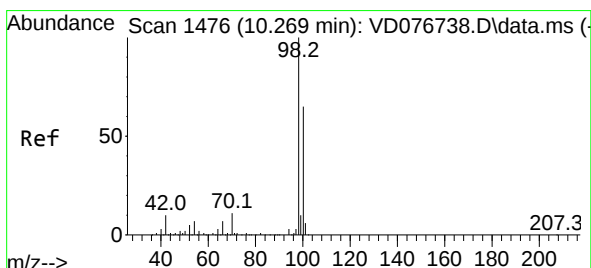
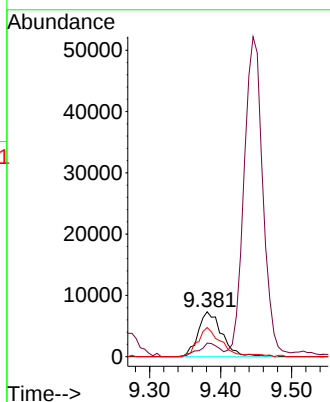
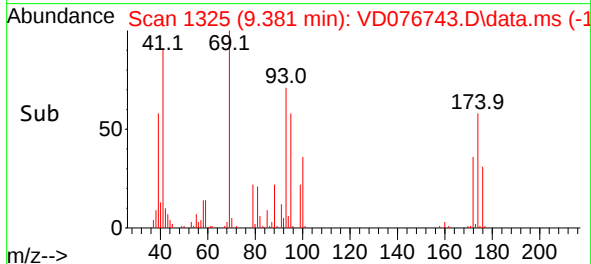
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



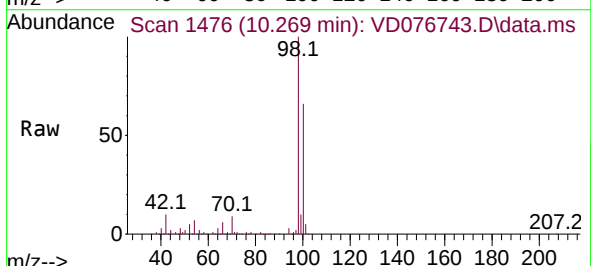
Tgt Ion: 88 Resp: 17032
Ion Ratio Lower Upper
88 100
43 25.9 19.0 28.6
58 61.7 43.5 65.3

Manual Integrations
APPROVED

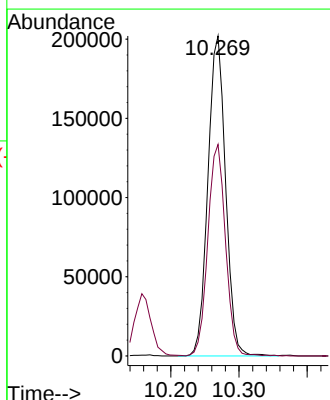
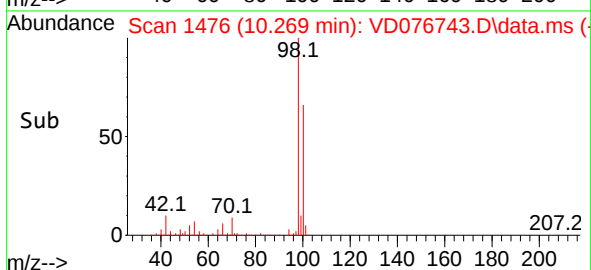
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

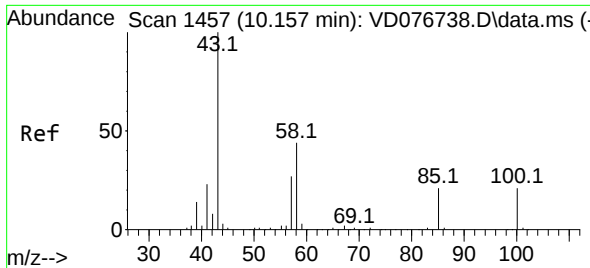


#50
Toluene-d8
Concen: 48.431 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



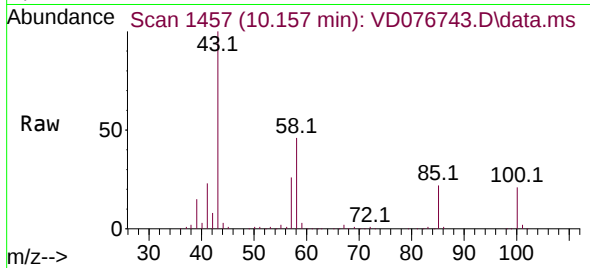
Tgt Ion: 98 Resp: 364811
Ion Ratio Lower Upper
98 100
100 66.0 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 270.400 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

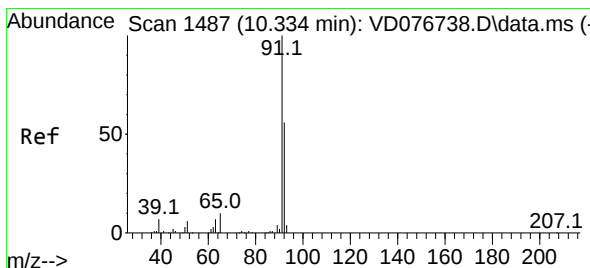
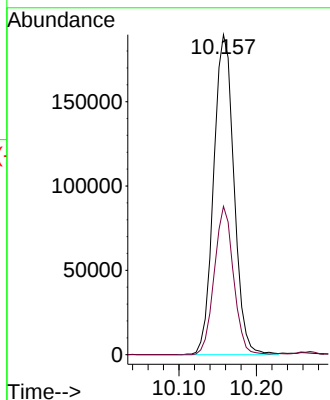
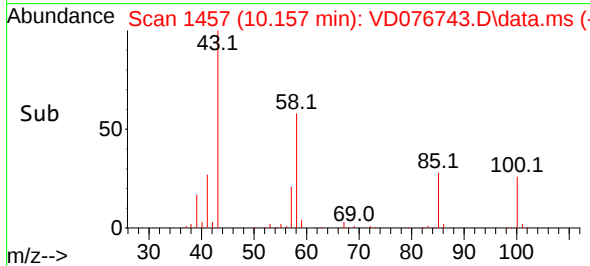
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



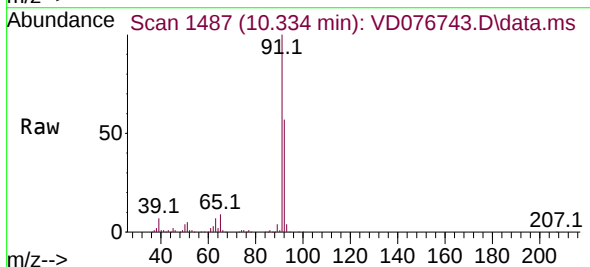
Tgt Ion: 43 Resp: 345728
Ion Ratio Lower Upper
43 100
58 43.8 38.9 58.3

Manual Integrations
APPROVED

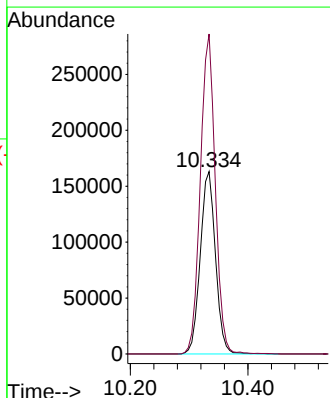
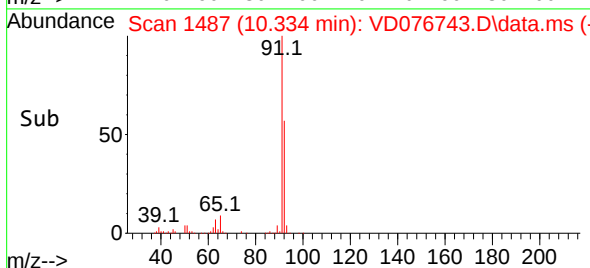
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Toluene
Concen: 51.533 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



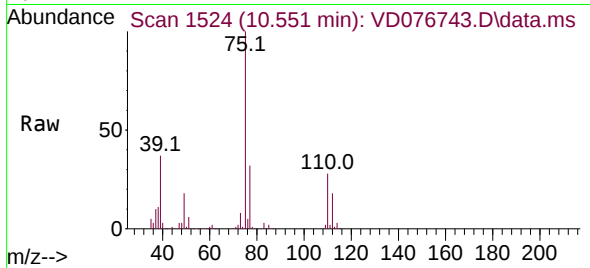
Tgt Ion: 92 Resp: 293836
Ion Ratio Lower Upper
92 100
91 172.1 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 53.115 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

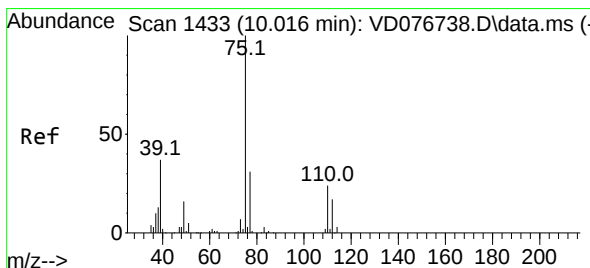
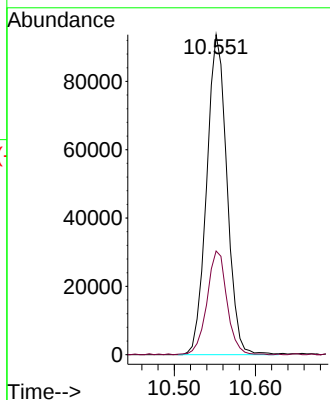
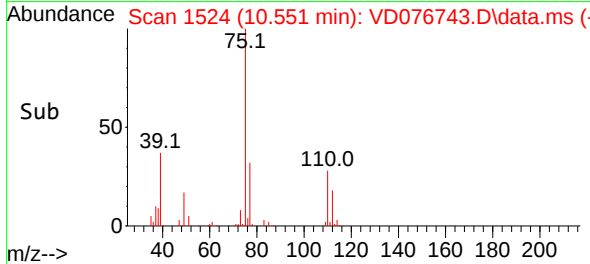
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



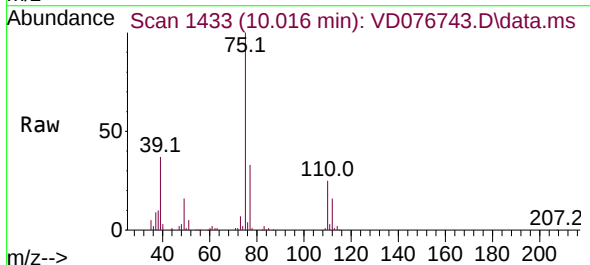
Tgt Ion: 75 Resp: 162280
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9

Manual Integrations
APPROVED

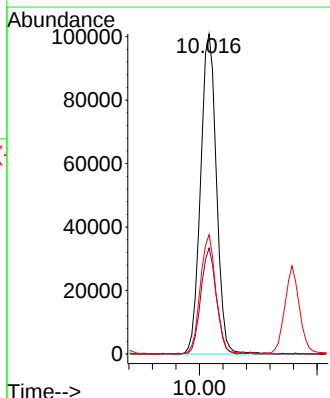
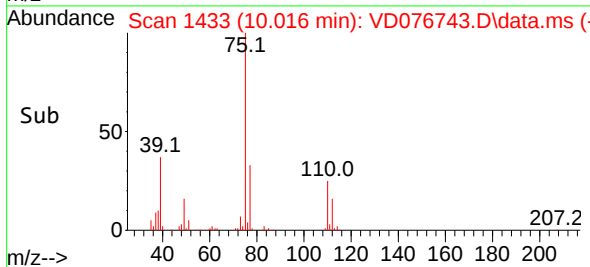
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

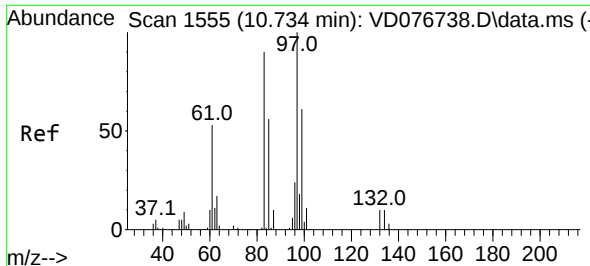


#54
cis-1,3-Dichloropropene
Concen: 52.249 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



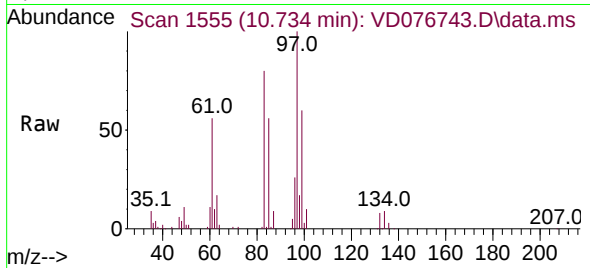
Tgt Ion: 75 Resp: 188144
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3
39 37.0 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 52.334 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

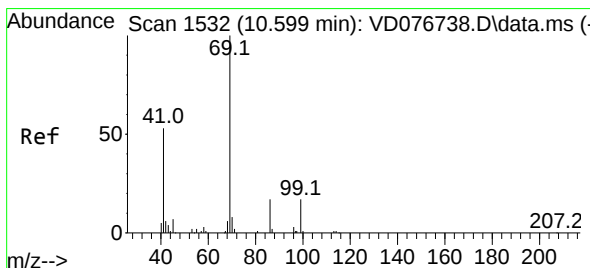
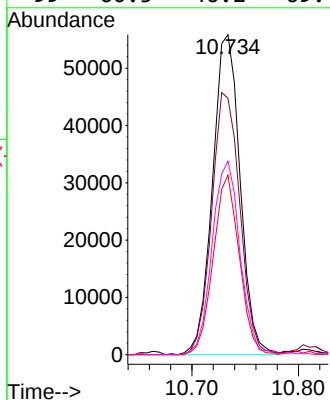
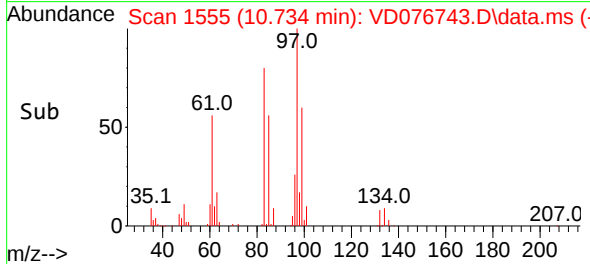
Instrument : MSVOA_D
ClientSampleId : ICVVD071423



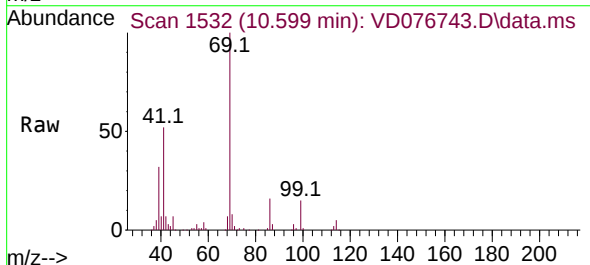
Tgt Ion: 97 Resp: 100240
Ion Ratio Lower Upper
97 100
83 80.1 65.8 98.6
85 56.1 45.7 68.5
99 60.5 46.2 69.4

Manual Integrations
APPROVED

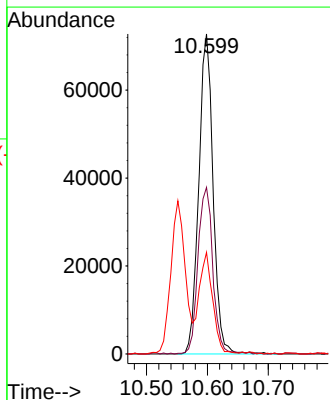
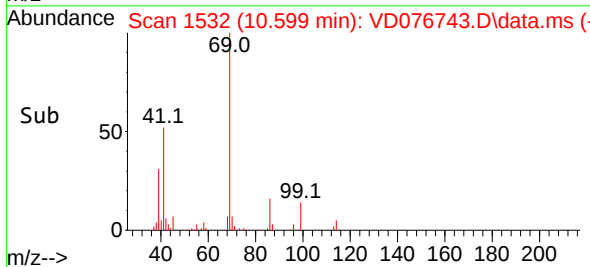
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

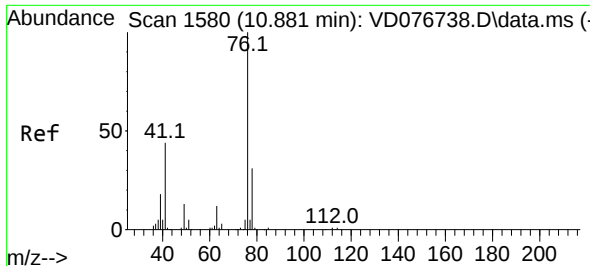


#56
Ethyl methacrylate
Concen: 53.683 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



Tgt Ion: 69 Resp: 118686
Ion Ratio Lower Upper
69 100
41 54.2 39.1 58.7
39 29.8 20.0 30.0





#57

1,3-Dichloropropane

Concen: 51.261 ug/l

RT: 10.875 min Scan# 1580

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

Tgt Ion: 76 Resp: 159900

Ion Ratio Lower Upper

76 100

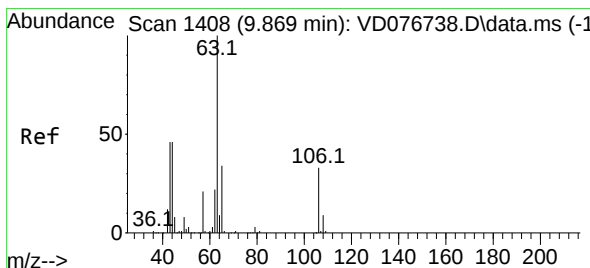
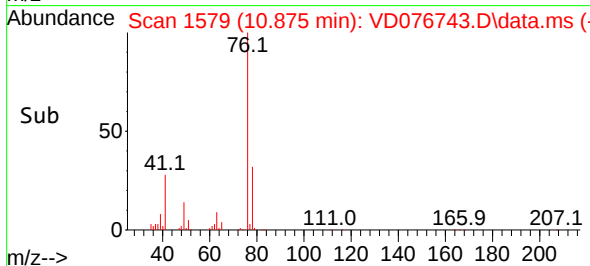
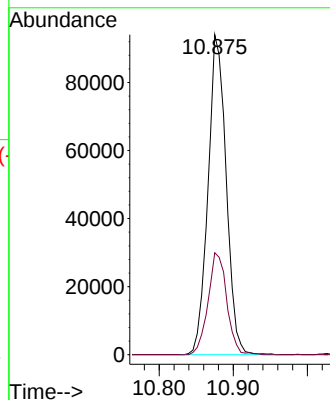
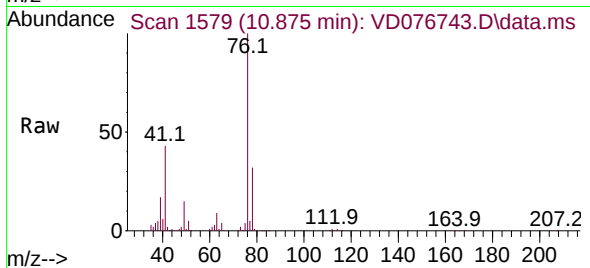
78 32.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 251.723 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076743.D

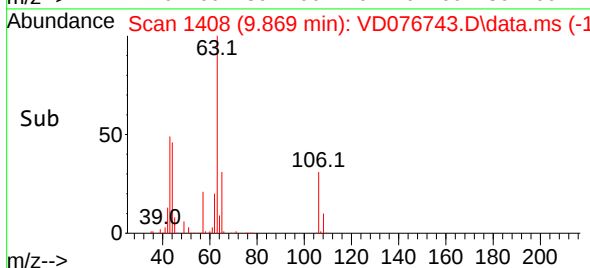
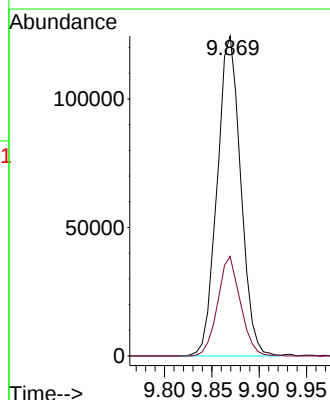
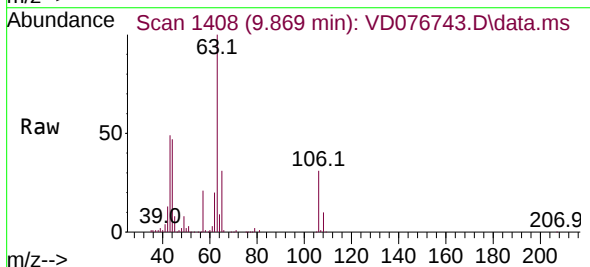
Acq: 14 Jul 2023 16:35

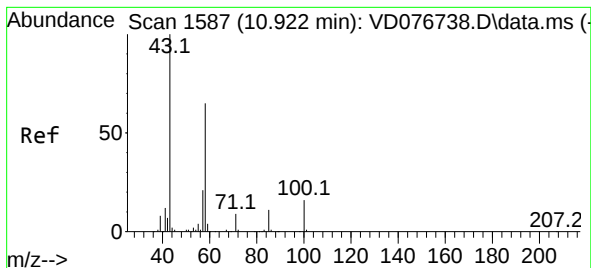
Tgt Ion: 63 Resp: 215418

Ion Ratio Lower Upper

63 100

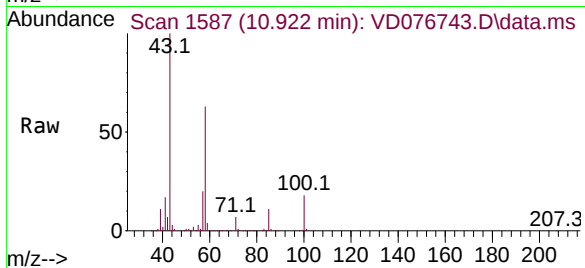
106 30.1 25.3 37.9





#59
2-Hexanone
Concen: 270.567 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

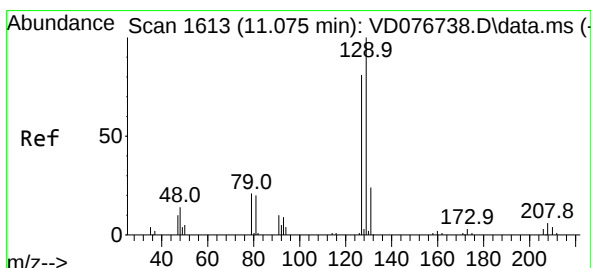
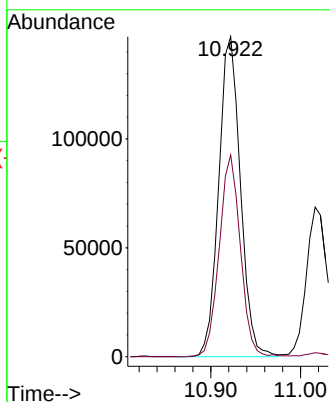
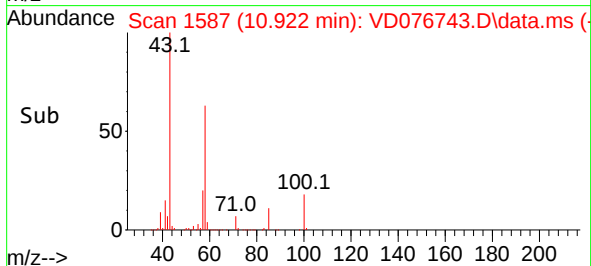
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



Tgt Ion: 43 Resp: 246844
Ion Ratio Lower Upper
43 100
58 61.3 34.1 102.2

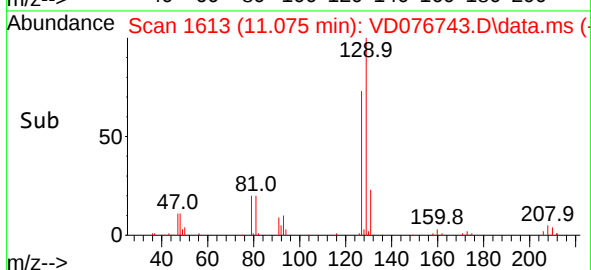
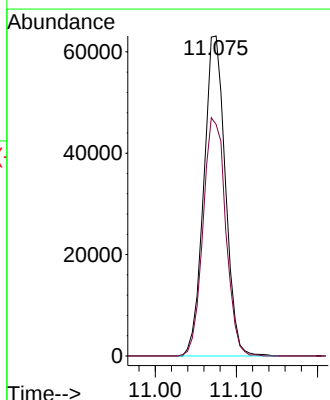
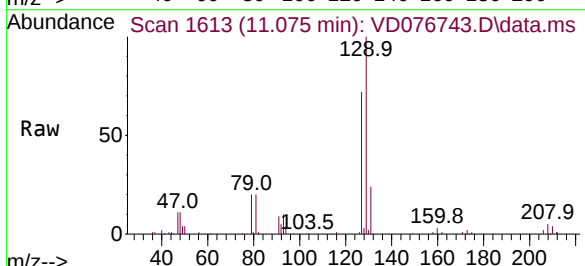
Manual Integrations
APPROVED

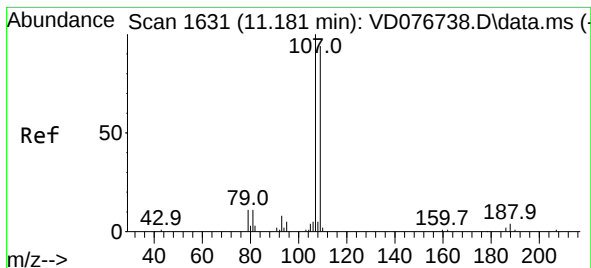
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#60
Dibromochloromethane
Concen: 52.227 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion:129 Resp: 116216
Ion Ratio Lower Upper
129 100
127 78.1 37.1 111.5





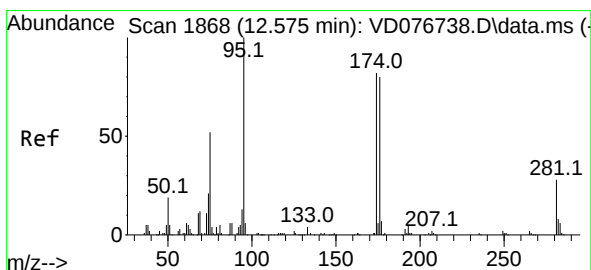
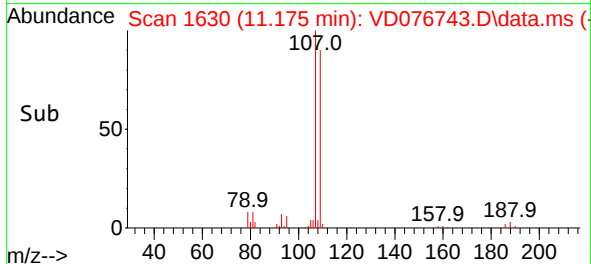
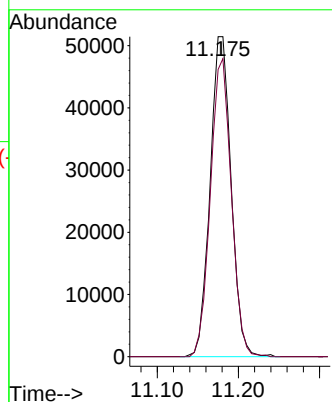
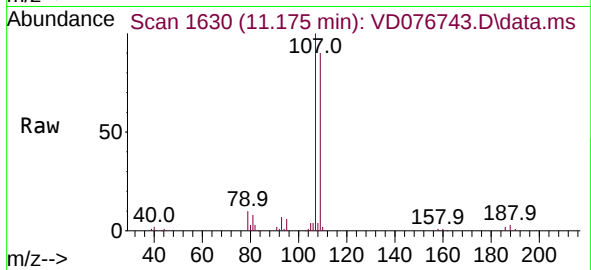
#61
1,2-Dibromoethane
Concen: 52.138 ug/l
RT: 11.175 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

Tgt Ion:107 Resp: 9259
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4

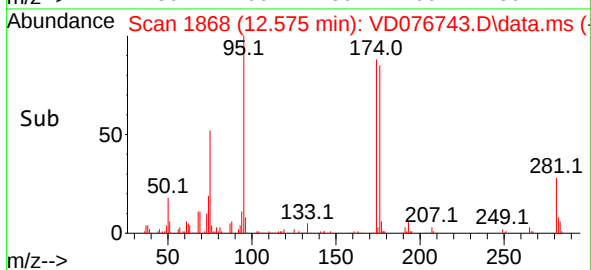
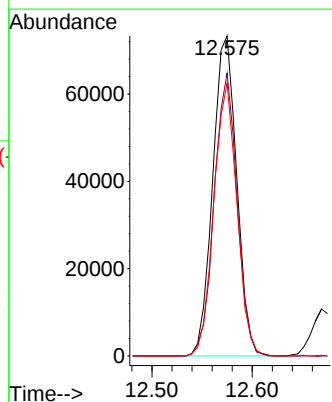
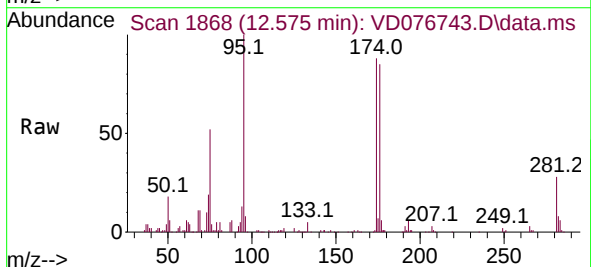
Manual Integrations
APPROVED

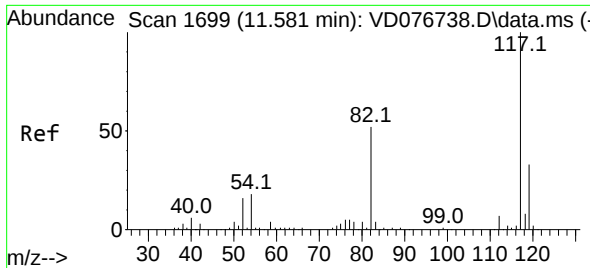
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#62
4-Bromofluorobenzene
Concen: 49.766 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

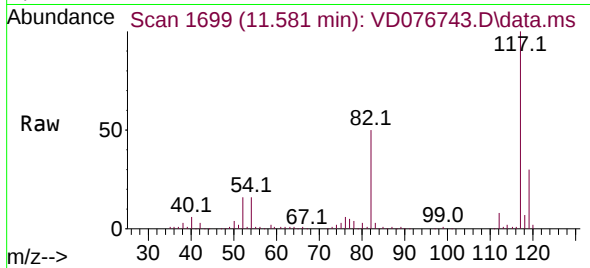
Tgt Ion: 95 Resp: 121269
Ion Ratio Lower Upper
95 100
174 84.6 0.0 201.8
176 82.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

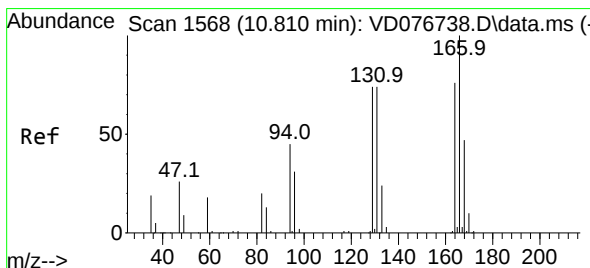
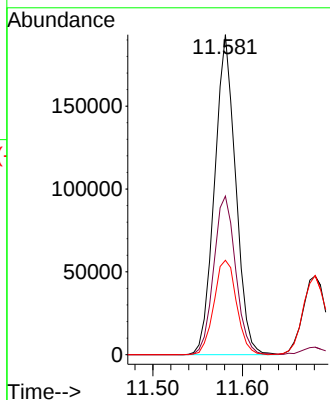
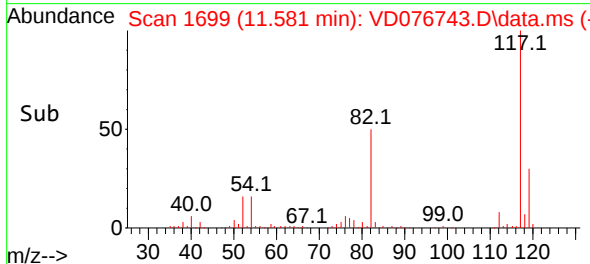
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



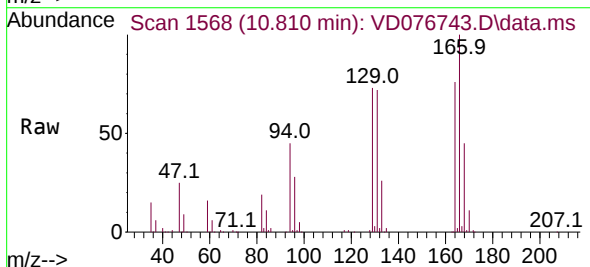
Tgt Ion:117 Resp: 314858
Ion Ratio Lower Upper
117 100
82 49.6 38.3 57.5
119 29.5 25.0 37.4

Manual Integrations
APPROVED

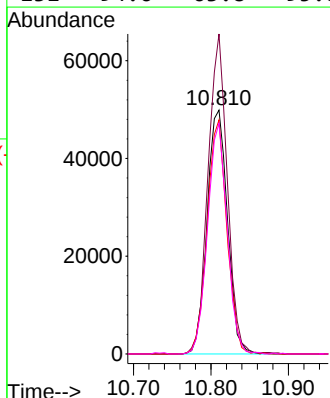
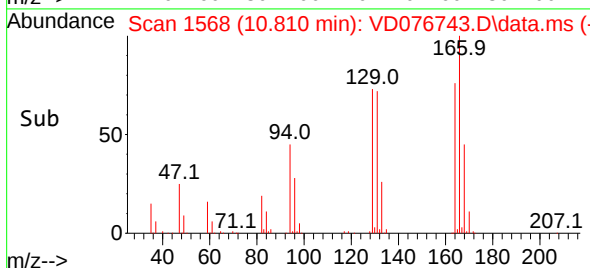
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

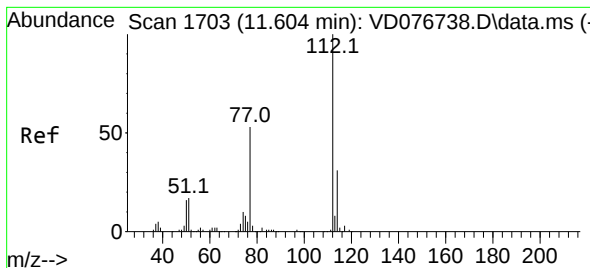


#64
Tetrachloroethene
Concen: 51.112 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



Tgt Ion:164 Resp: 91766
Ion Ratio Lower Upper
164 100
166 131.2 99.2 148.8
129 96.0 68.4 102.6
131 94.6 63.8 95.8





#65

Chlorobenzene

Concen: 51.601 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

Tgt Ion:112 Resp: 326760

Ion Ratio Lower Upper

112 100

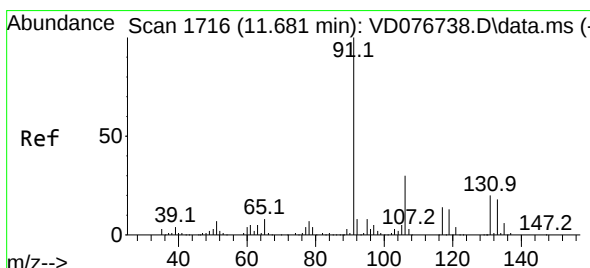
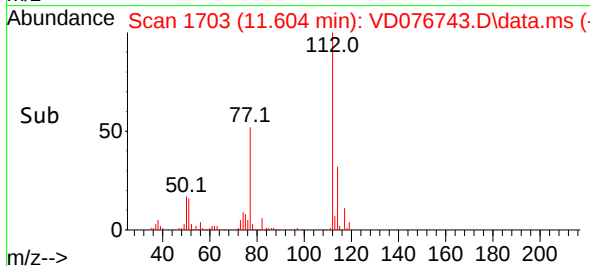
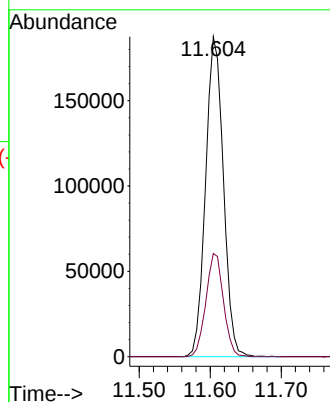
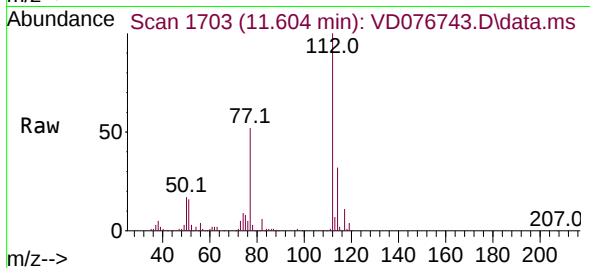
114 32.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 51.104 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

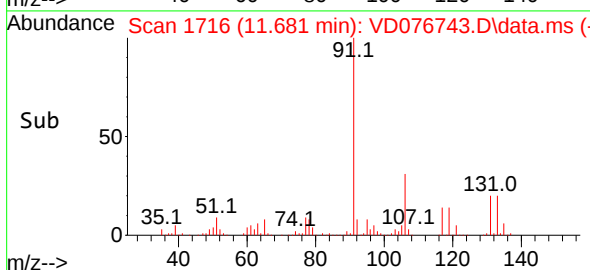
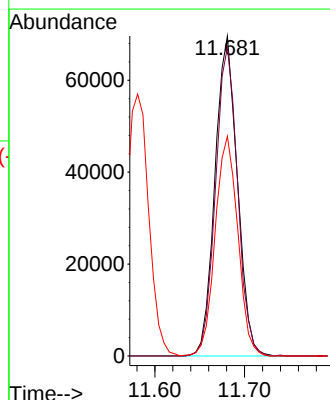
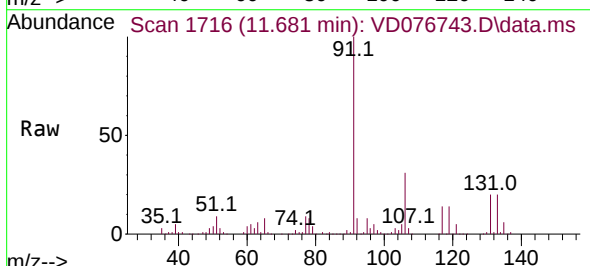
Tgt Ion:131 Resp: 120484

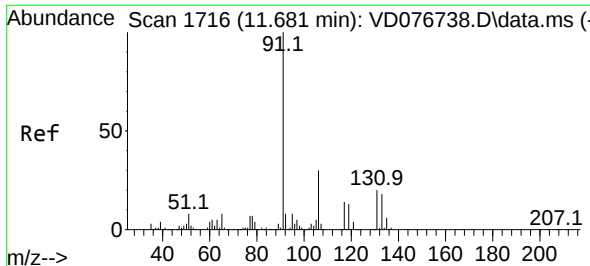
Ion Ratio Lower Upper

131 100

133 95.1 48.5 145.5

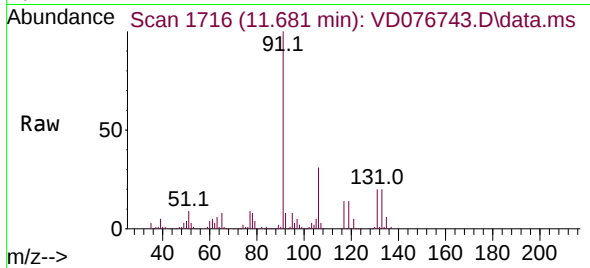
119 69.4 35.6 106.9





#67
Ethyl Benzene
Concen: 51.089 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

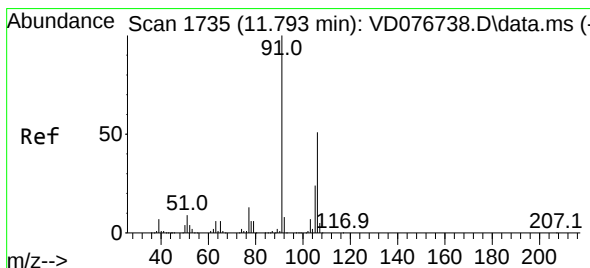
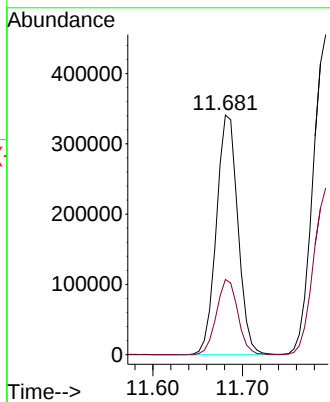
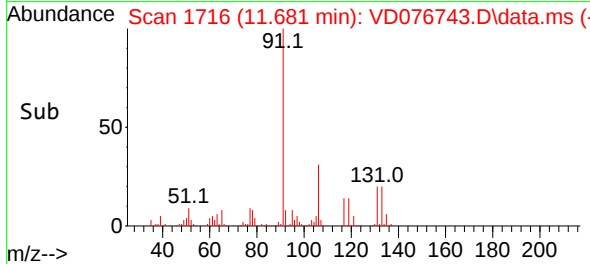
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



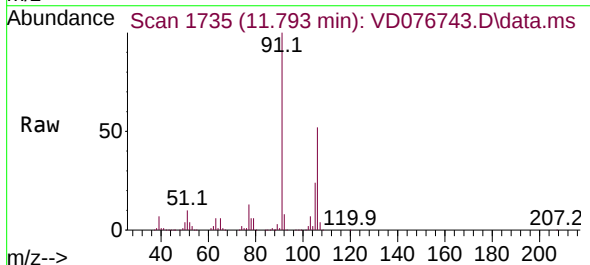
Tgt Ion: 91 Resp: 56816
Ion Ratio Lower Upper
91 100
106 31.4 26.5 39.7

Manual Integrations
APPROVED

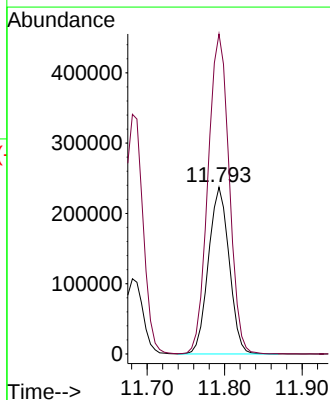
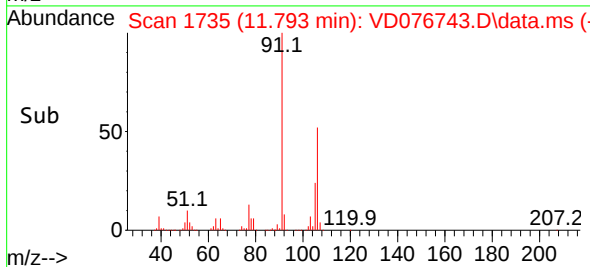
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

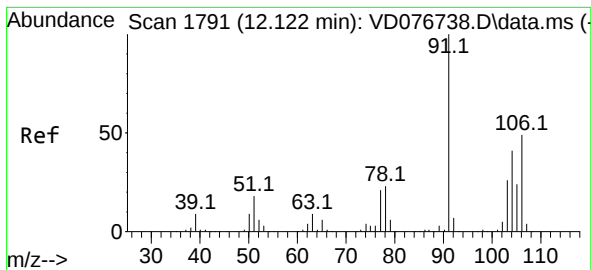


#68
m/p-Xylenes
Concen: 103.173 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



Tgt Ion:106 Resp: 440666
Ion Ratio Lower Upper
106 100
91 195.8 147.0 220.6





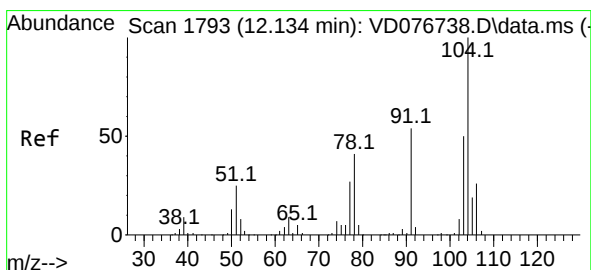
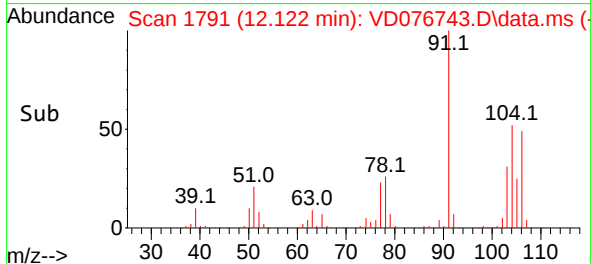
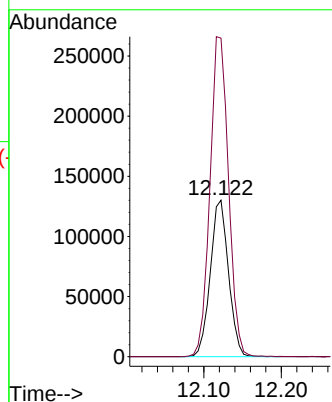
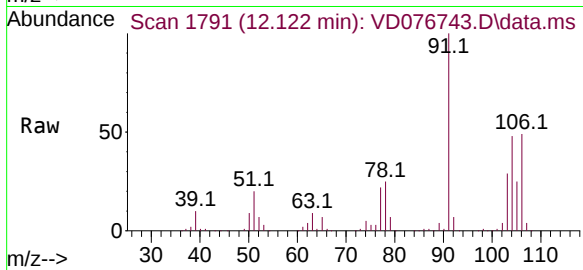
#69
o-Xylene
Concen: 51.384 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

Tgt Ion:106 Resp: 212228
Ion Ratio Lower Upper
106 100
91 208.3 97.9 293.6

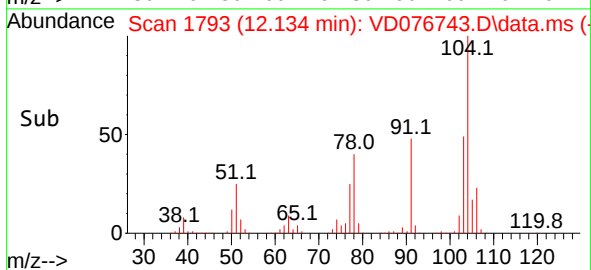
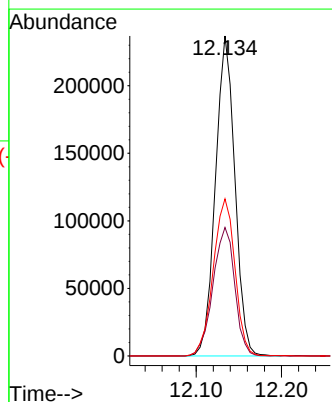
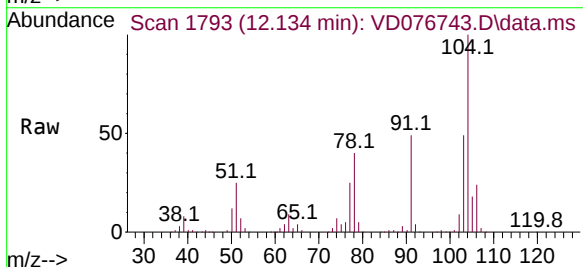
Manual Integrations
APPROVED

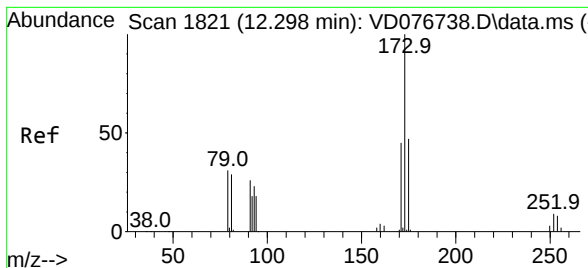
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
Styrene
Concen: 51.954 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion:104 Resp: 375643
Ion Ratio Lower Upper
104 100
78 44.9 33.2 49.8
103 54.9 43.6 65.4





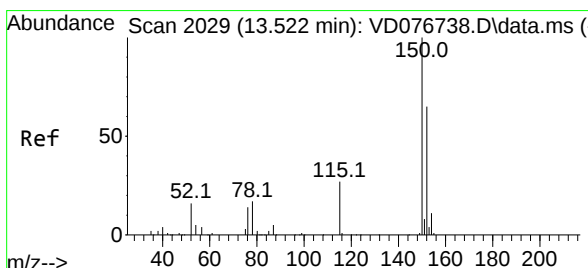
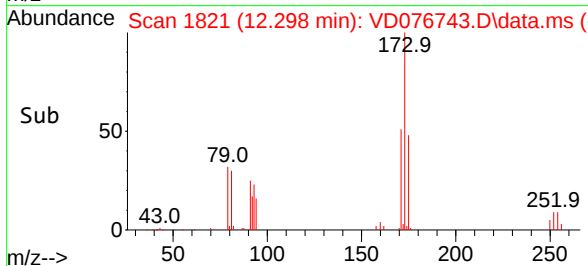
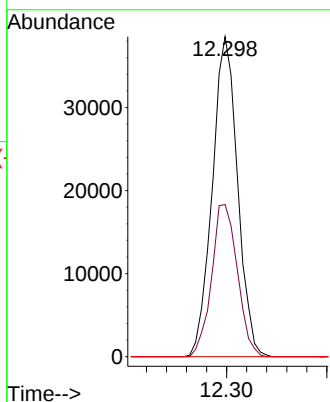
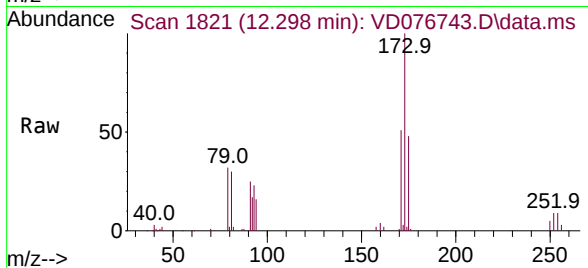
#71
Bromoform
Concen: 52.201 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

Tgt Ion:173 Resp: 6740
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.0 0.0

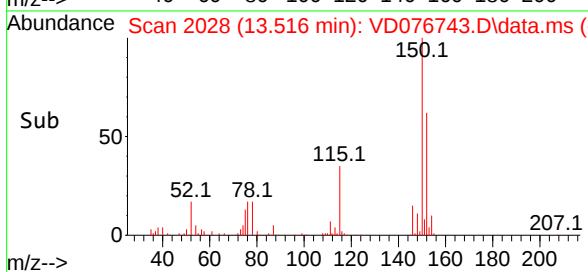
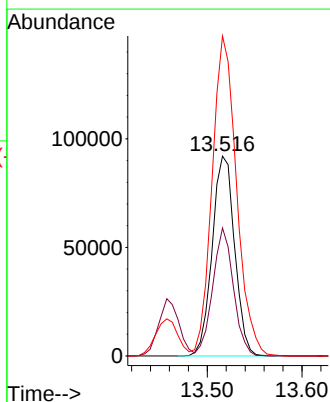
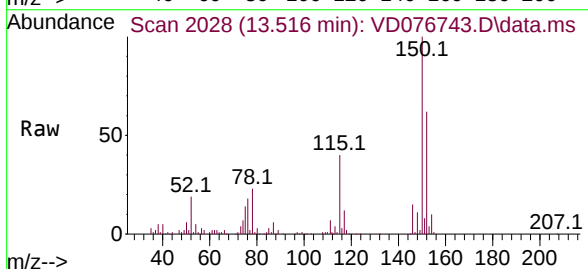
Manual Integrations
APPROVED

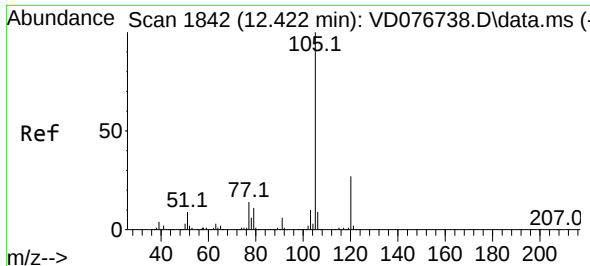
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

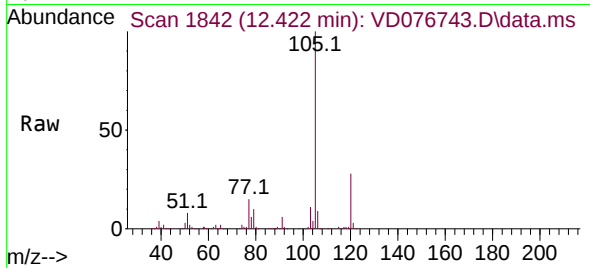
Tgt Ion:152 Resp: 151537
Ion Ratio Lower Upper
152 100
115 59.0 27.1 81.3
150 174.3 0.0 353.6





#73
Isopropylbenzene
Concen: 50.192 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

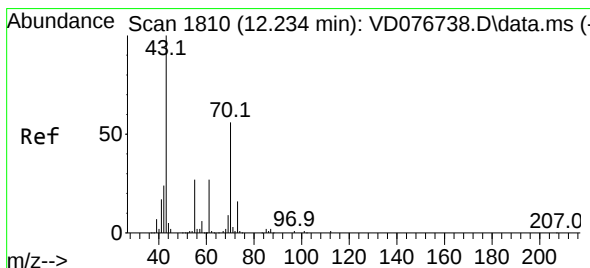
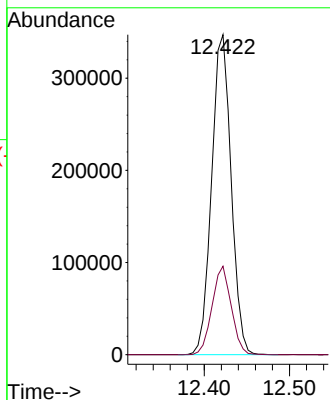
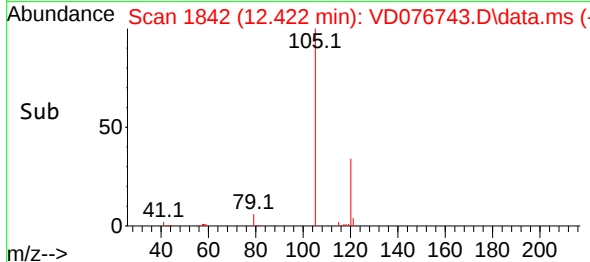
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



Tgt Ion:105 Resp: 55182
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9

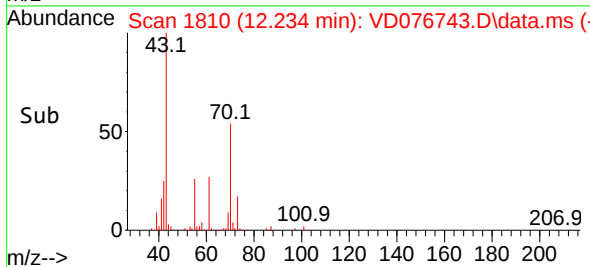
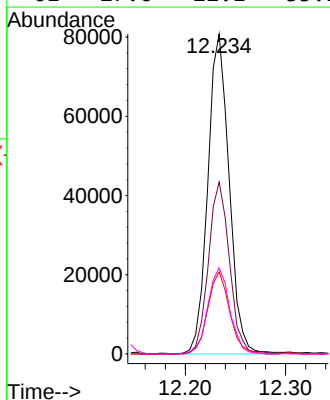
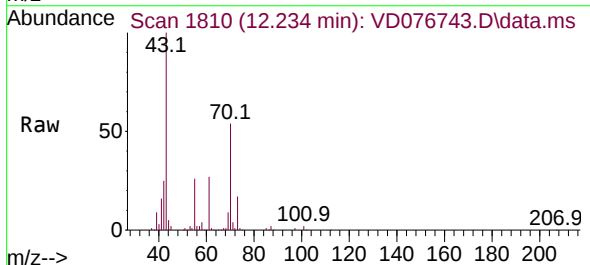
Manual Integrations
APPROVED

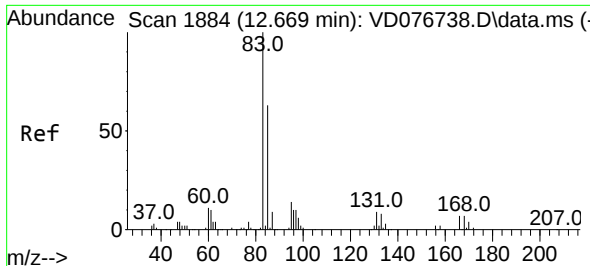
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#74
N-ethyl acetate
Concen: 51.611 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

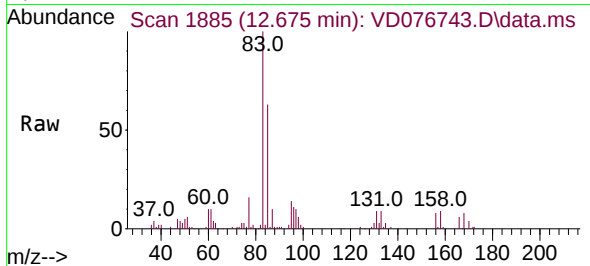
Tgt Ion: 43 Resp: 119541
Ion Ratio Lower Upper
43 100
70 53.0 45.0 67.4
55 26.2 23.8 35.6
61 27.6 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 50.392 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

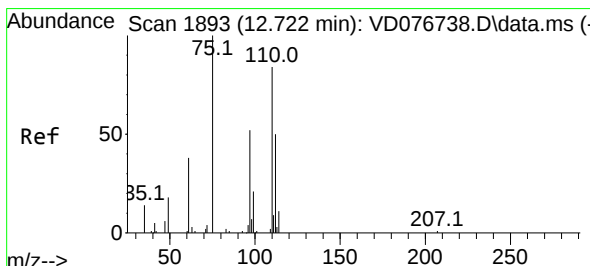
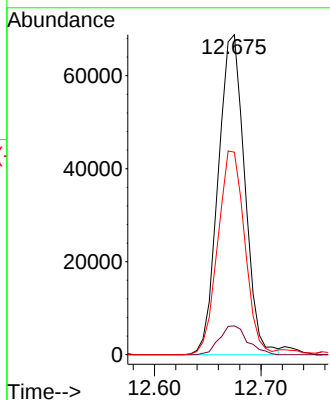
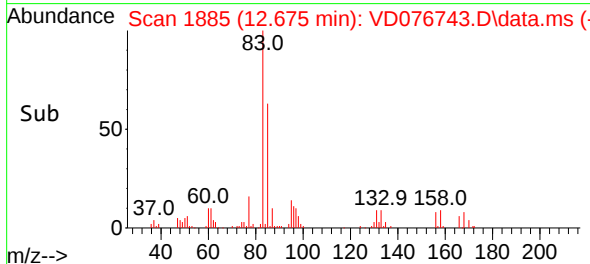
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



Tgt Ion: 83 Resp: 11895
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 64.8 32.6 97.8

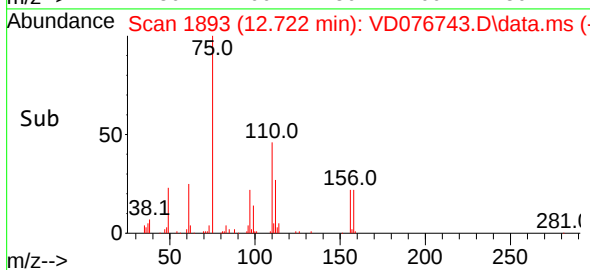
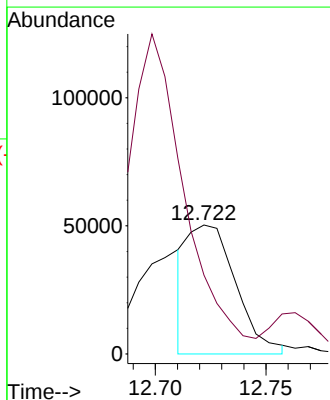
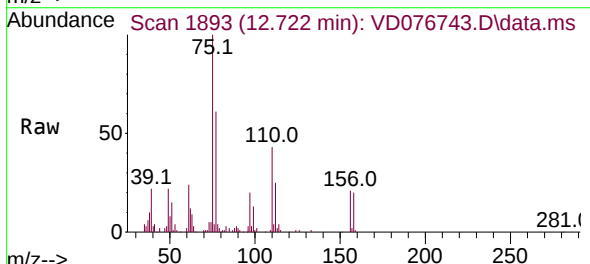
Manual Integrations
APPROVED

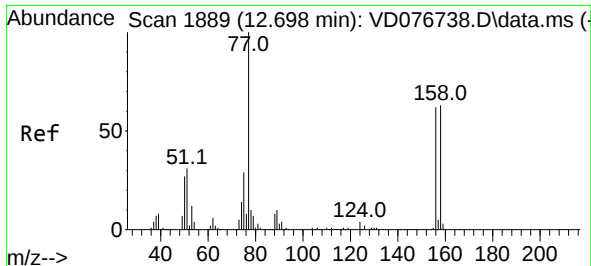
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#76
1,2,3-Trichloropropane
Concen: 53.035 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

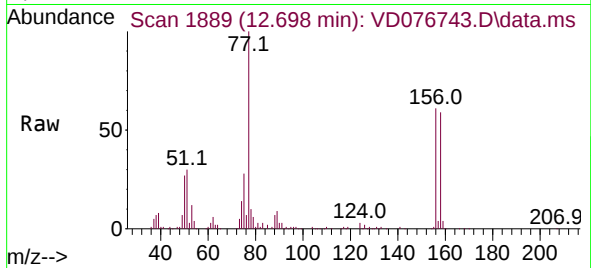
Tgt Ion: 75 Resp: 76429
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.774 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

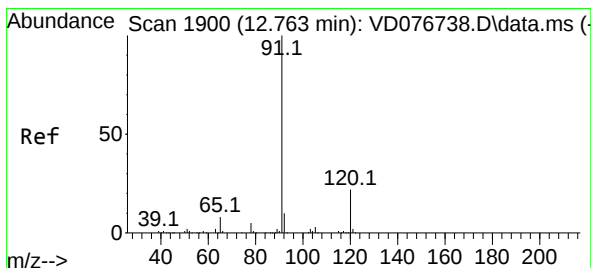
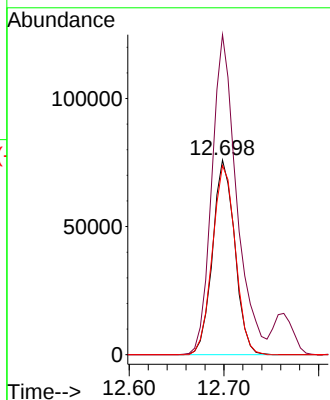
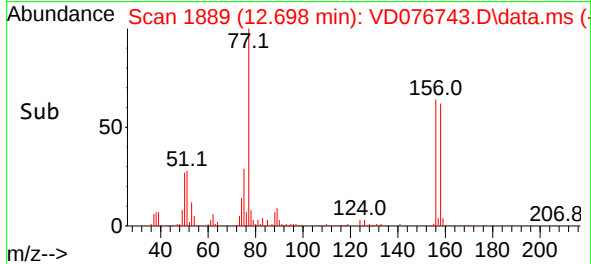
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



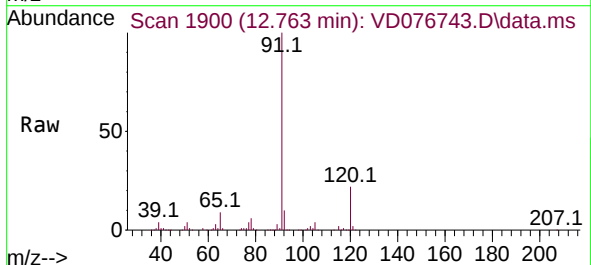
Tgt Ion:156 Resp: 12377
Ion Ratio Lower Upper
156 100
77 184.2 76.8 230.4
158 100.4 48.6 145.9

Manual Integrations
APPROVED

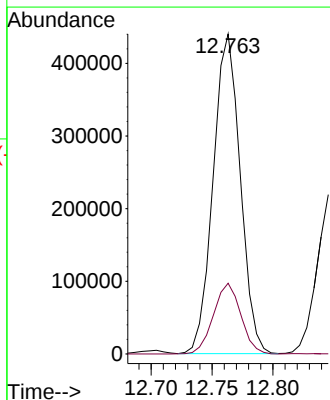
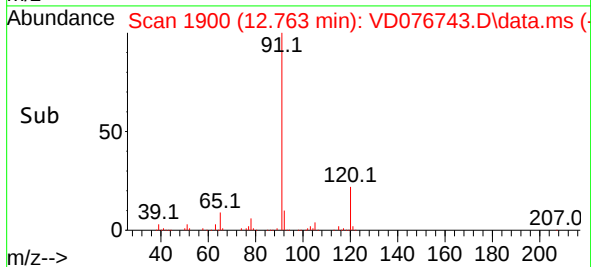
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

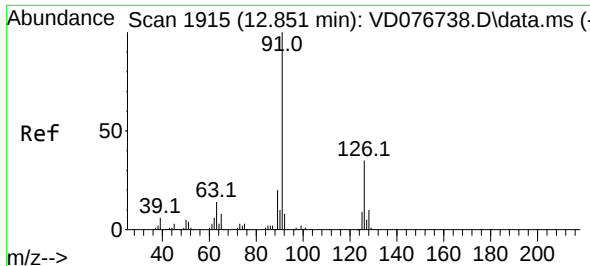


#78
n-propylbenzene
Concen: 51.095 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



Tgt Ion: 91 Resp: 681024
Ion Ratio Lower Upper
91 100
120 22.3 12.4 37.2





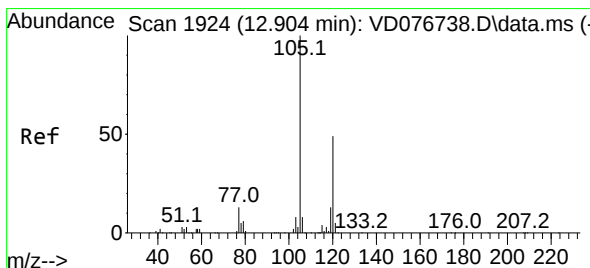
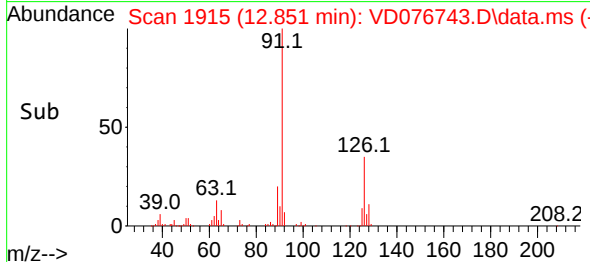
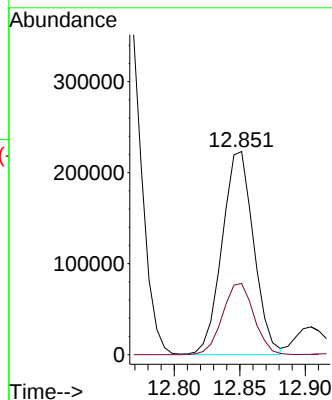
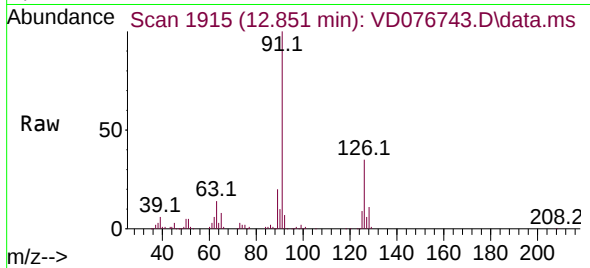
#79
2-Chlorotoluene
Concen: 51.112 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

Tgt Ion: 91 Resp: 37353
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.1

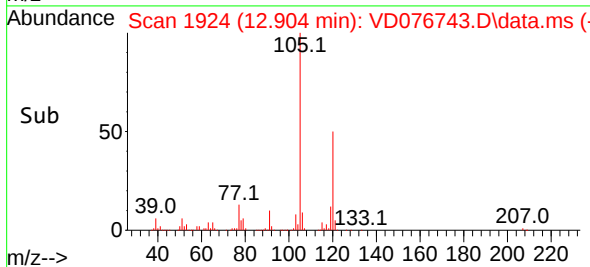
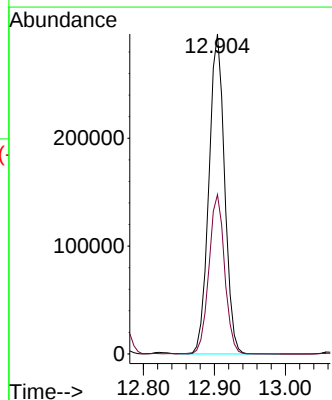
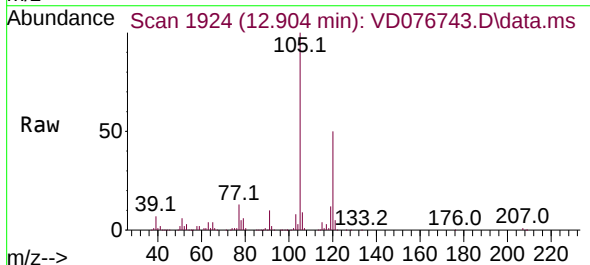
Manual Integrations
APPROVED

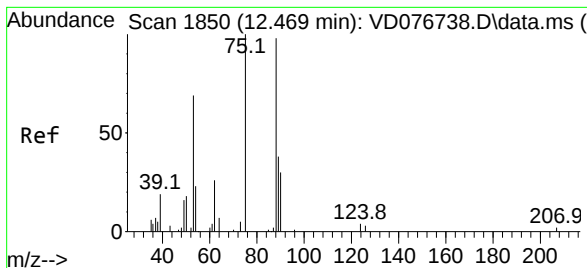
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.320 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

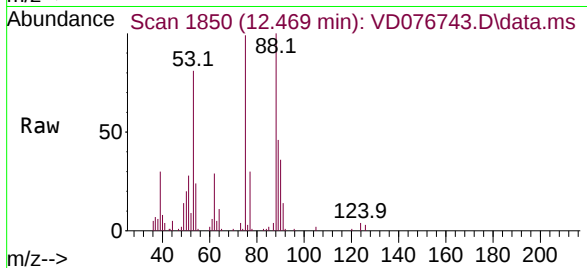
Tgt Ion:105 Resp: 456230
Ion Ratio Lower Upper
105 100
120 49.6 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 52.060 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

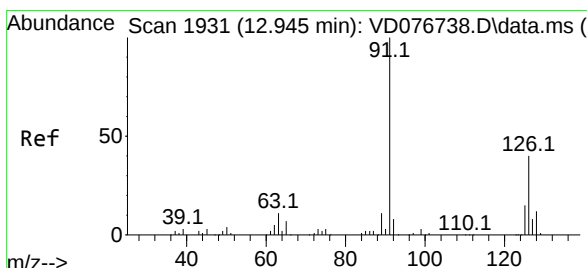
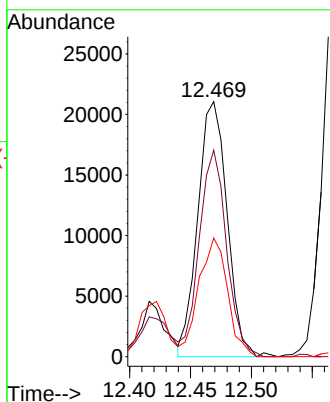
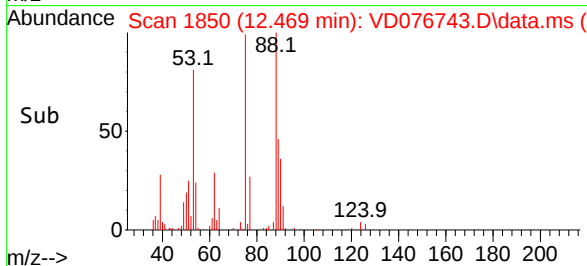
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



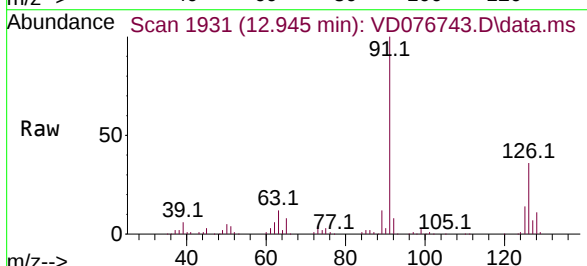
Tgt Ion: 75 Resp: 3525
Ion Ratio Lower Upper
75 100
53 76.0 63.0 94.4
89 45.9 37.9 56.9

Manual Integrations
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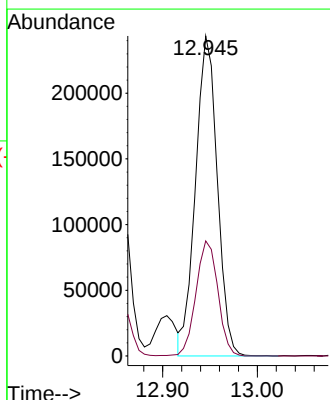
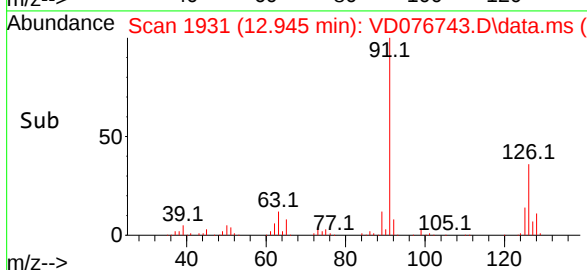
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

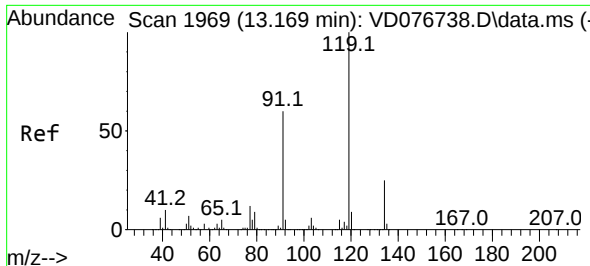


#82
4-Chlorotoluene
Concen: 50.852 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



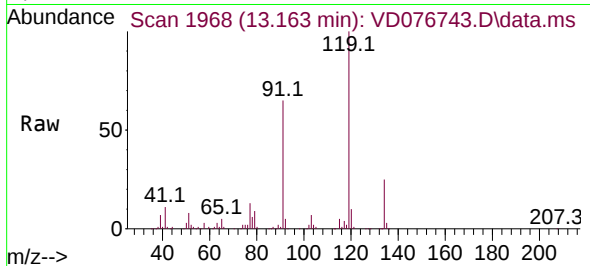
Tgt Ion: 91 Resp: 388242
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4





#83
tert-Butylbenzene
Concen: 51.002 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

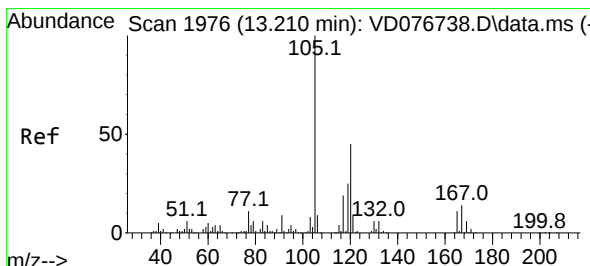
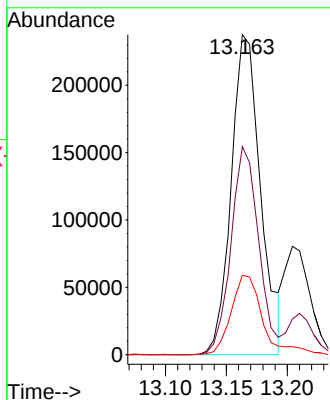
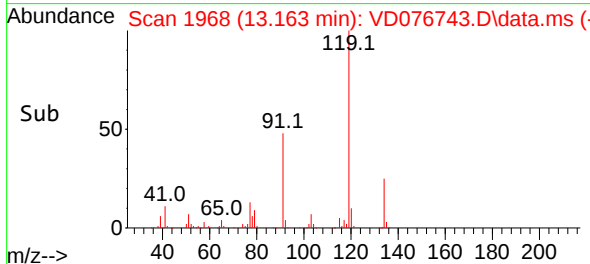
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



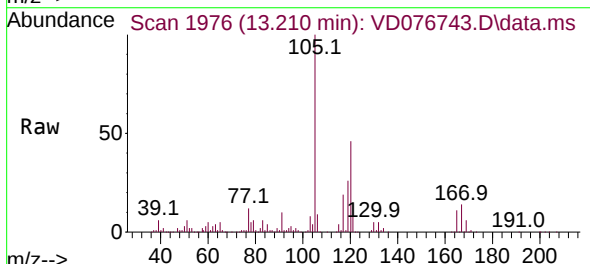
Tgt Ion:119 Resp: 399219
Ion Ratio Lower Upper
119 100
91 61.4 29.3 87.8
134 26.6 14.1 42.3

Manual Integrations
APPROVED

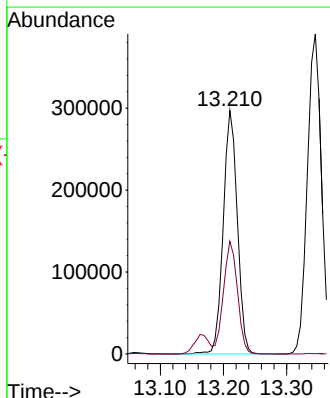
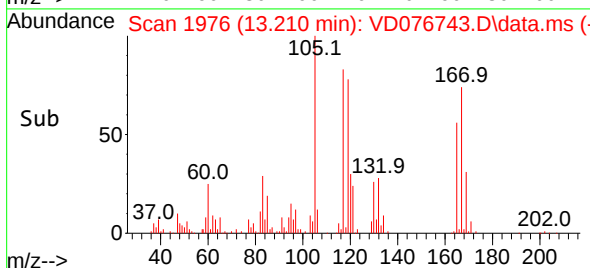
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

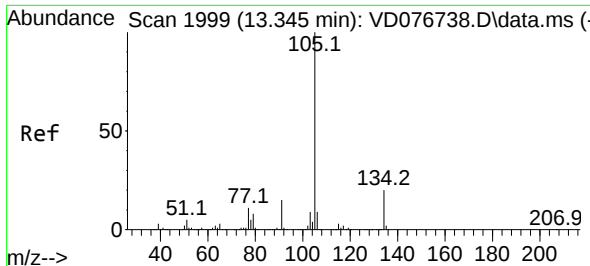


#84
1,2,4-Trimethylbenzene
Concen: 50.677 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



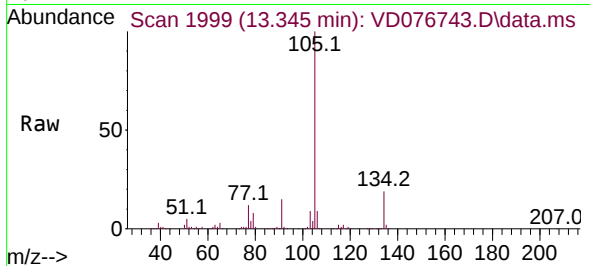
Tgt Ion:105 Resp: 460375
Ion Ratio Lower Upper
105 100
120 46.1 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 50.630 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

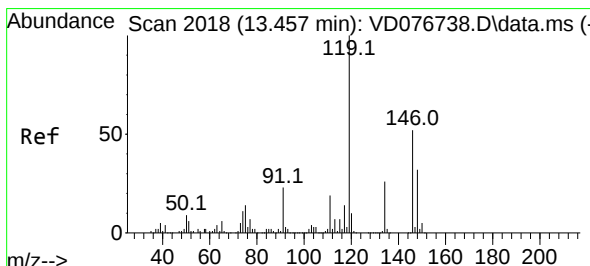
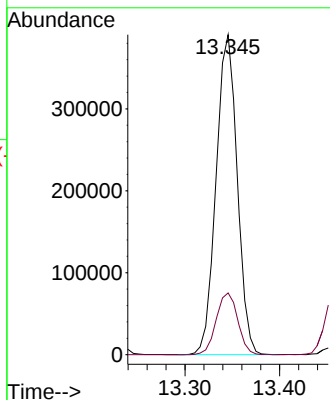
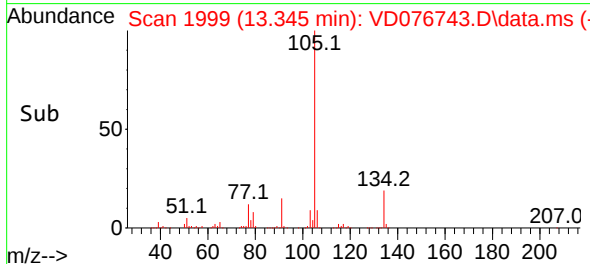
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071423



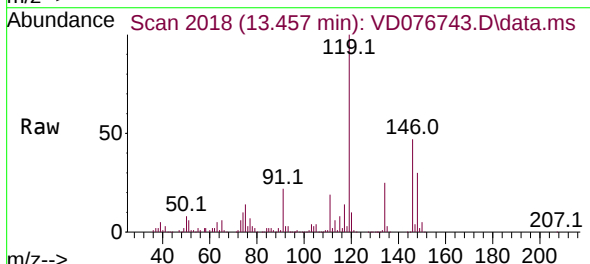
Tgt Ion:105 Resp: 60548
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.9 32.9

Manual Integrations
 APPROVED

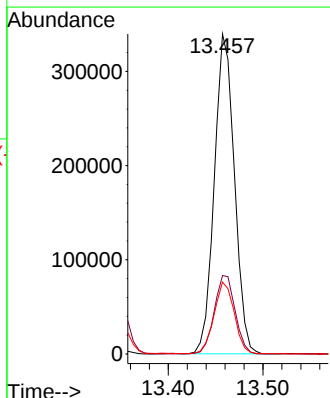
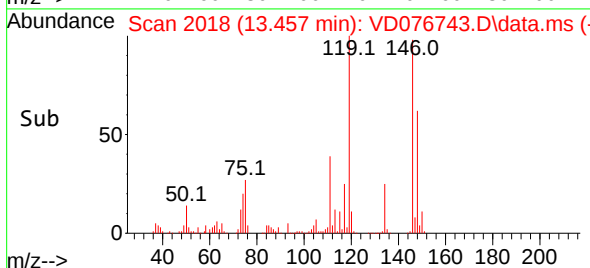
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

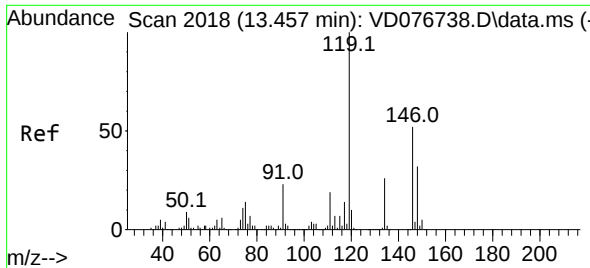


#86
 p-Isopropyltoluene
 Concen: 50.746 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35



Tgt Ion:119 Resp: 501199
 Ion Ratio Lower Upper
 119 100
 134 25.4 14.2 42.6
 91 22.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 50.621 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

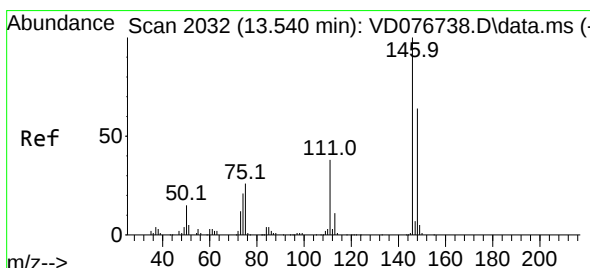
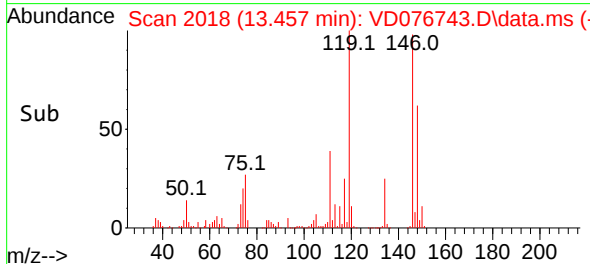
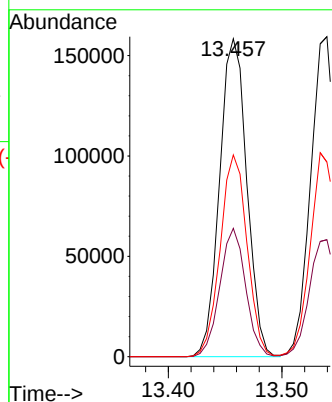
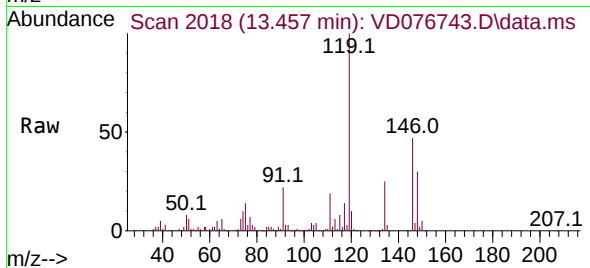
Tgt Ion:146 Resp: 264230
 Ion Ratio Lower Upper
 146 100
 111 38.2 17.9 53.8
 148 62.6 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#88

1,4-Dichlorobenzene

Concen: 50.441 ug/l

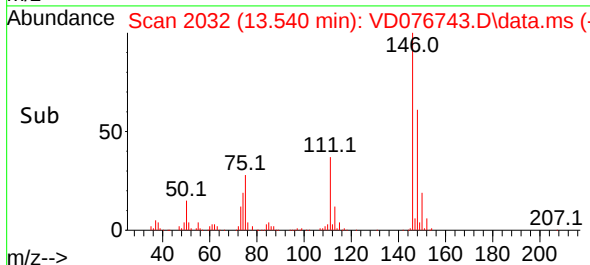
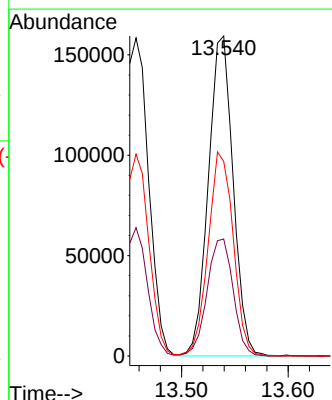
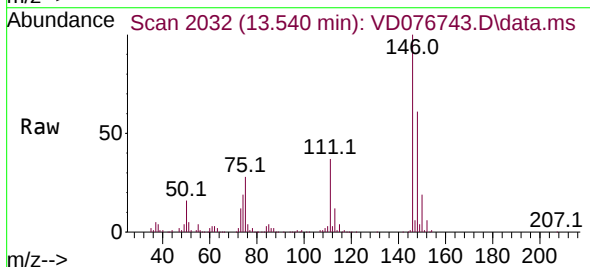
RT: 13.540 min Scan# 2032

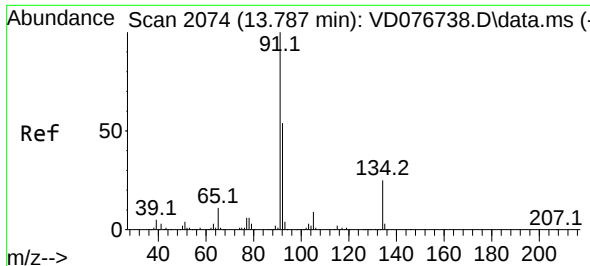
Delta R.T. -0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Tgt Ion:146 Resp: 257954
 Ion Ratio Lower Upper
 146 100
 111 38.5 17.4 52.3
 148 64.8 31.7 95.1





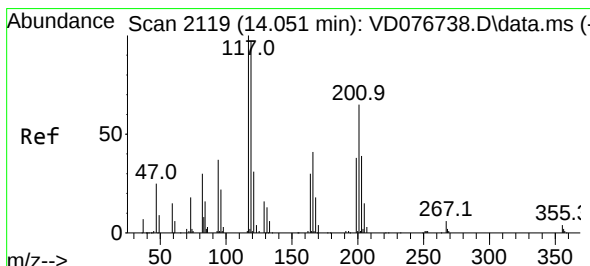
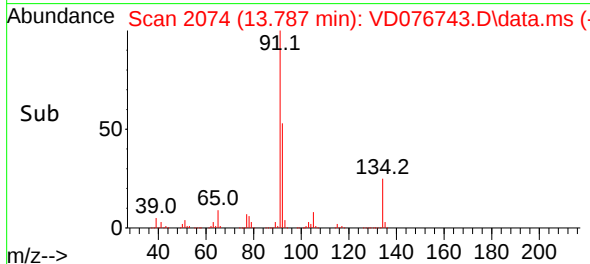
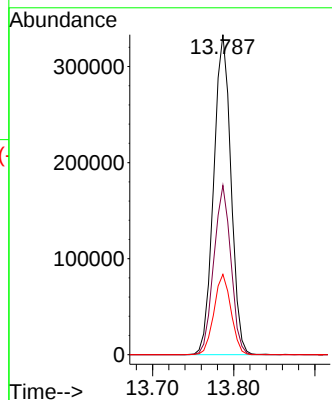
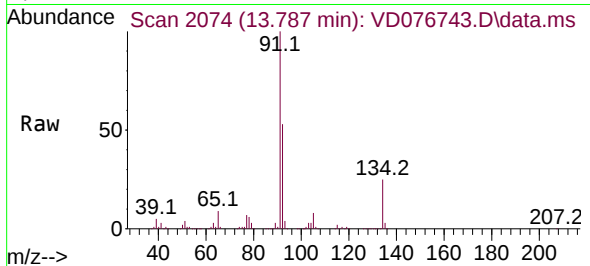
#89
n-Butylbenzene
Concen: 50.908 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

Tgt Ion: 91 Resp: 492000
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.5
134 24.7 13.8 41.3

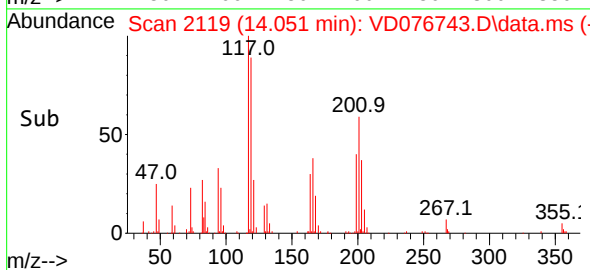
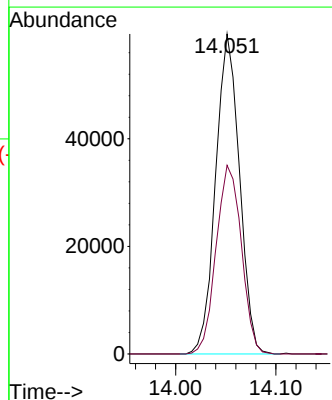
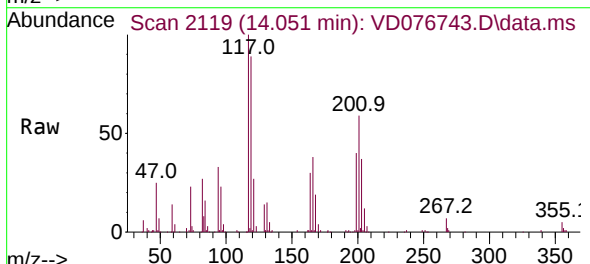
Manual Integrations
APPROVED

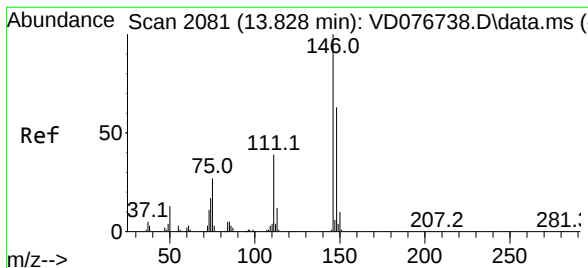
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#90
Hexachloroethane
Concen: 53.792 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

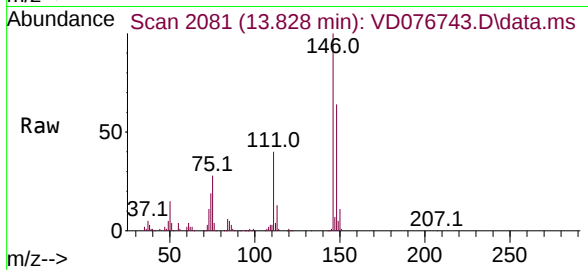
Tgt Ion:117 Resp: 98222
Ion Ratio Lower Upper
117 100
201 62.5 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 49.759 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

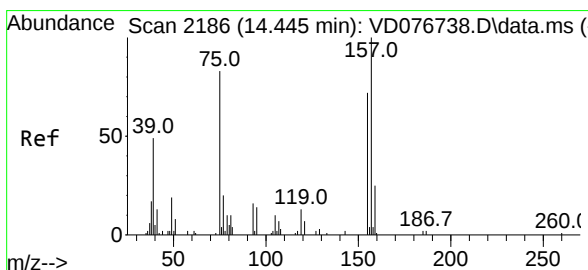
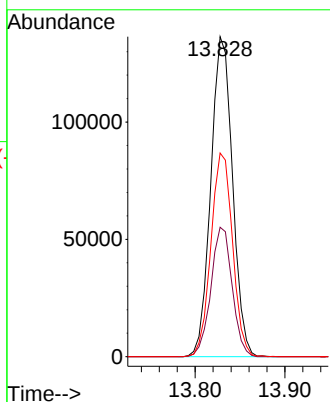
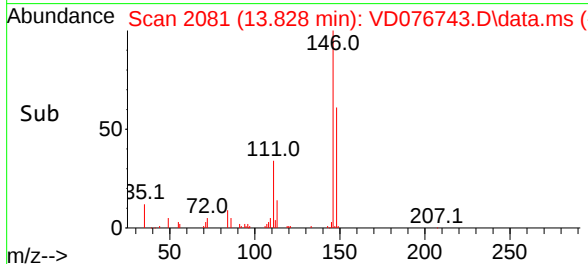
Instrument : MSVOA_D
ClientSampleId : ICVVD071423



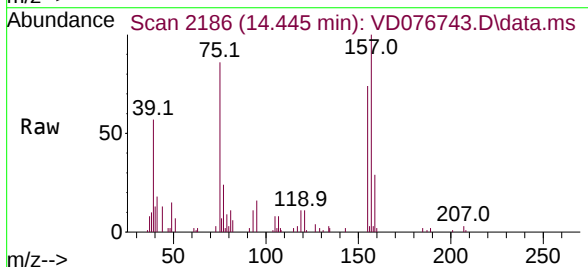
Tgt Ion: 146 Resp: 228860
Ion Ratio Lower Upper
146 100
111 39.6 18.3 54.8
148 63.6 31.6 94.7

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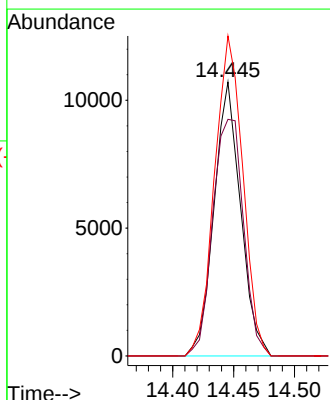
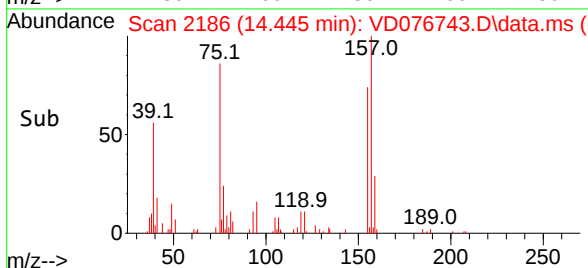
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

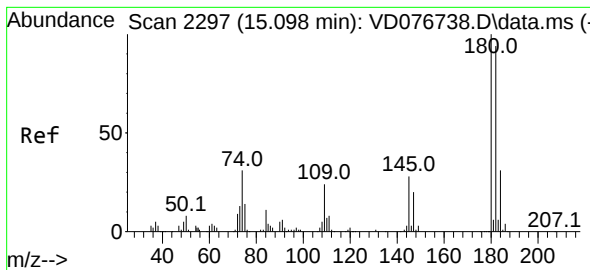


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.289 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



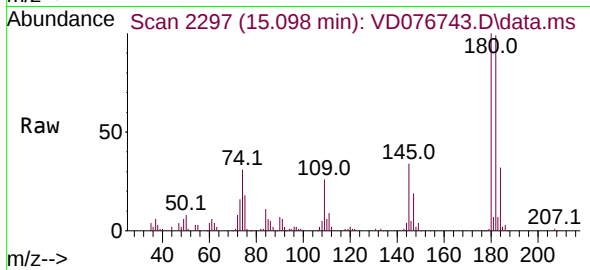
Tgt Ion: 75 Resp: 16253
Ion Ratio Lower Upper
75 100
155 99.8 47.9 143.8
157 124.4 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 50.673 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

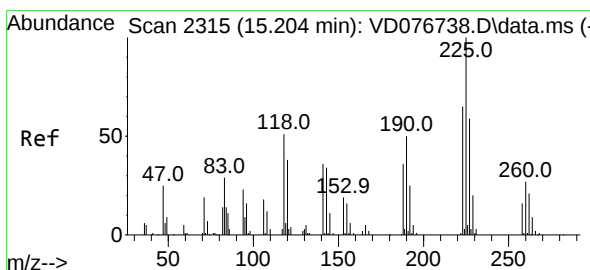
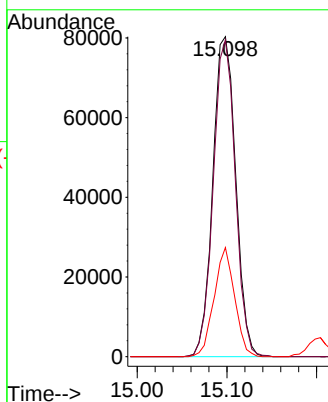
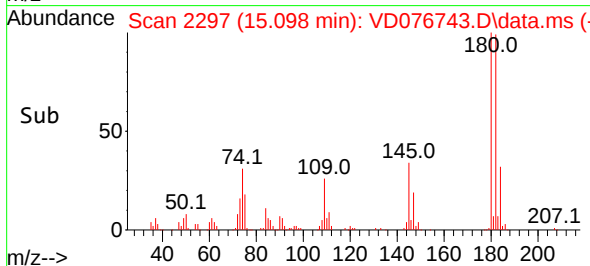
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423



Tgt Ion:180 Resp: 142290
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 30.5 14.2 42.6

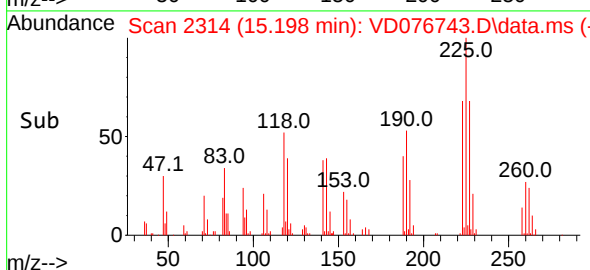
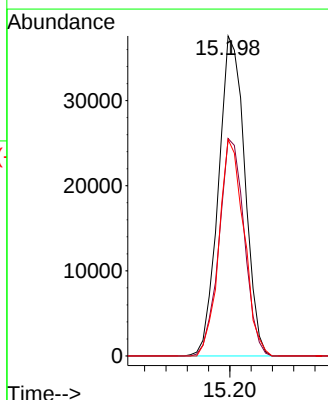
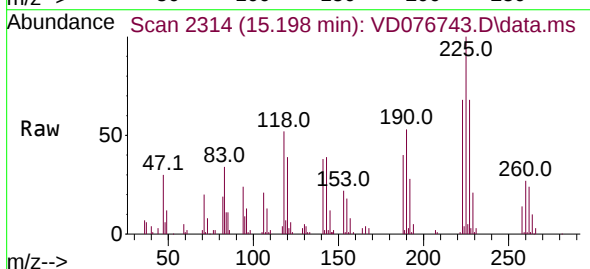
Manual Integrations
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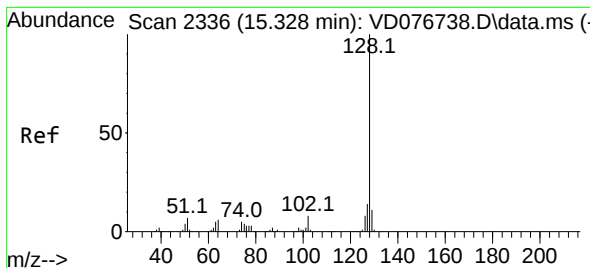
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#94
Hexachlorobutadiene
Concen: 47.645 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

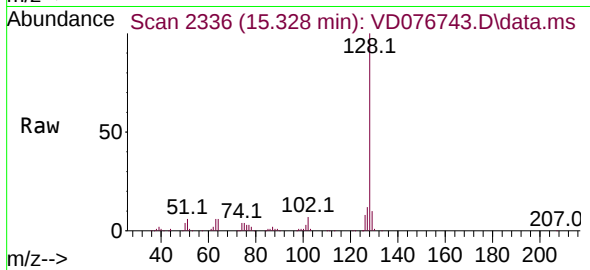
Tgt Ion:225 Resp: 64343
Ion Ratio Lower Upper
225 100
223 65.2 31.6 94.8
227 64.2 31.7 95.1





#95
Naphthalene
Concen: 50.811 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

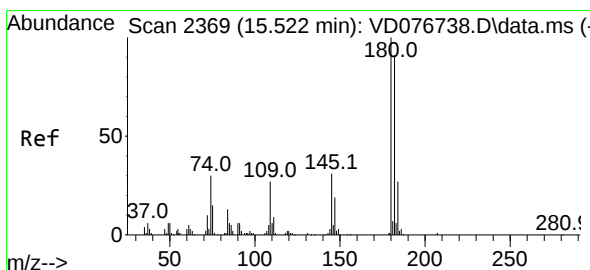
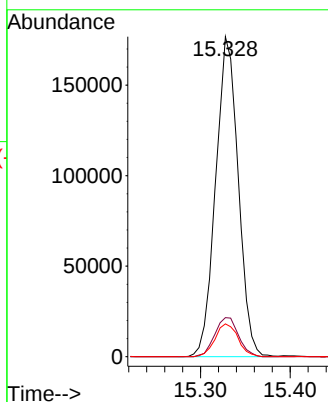
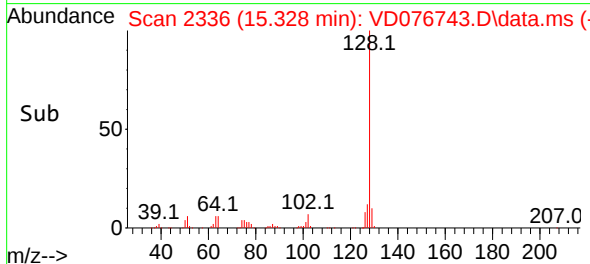
Instrument : MSVOA_D
ClientSampleId : ICVVD071423



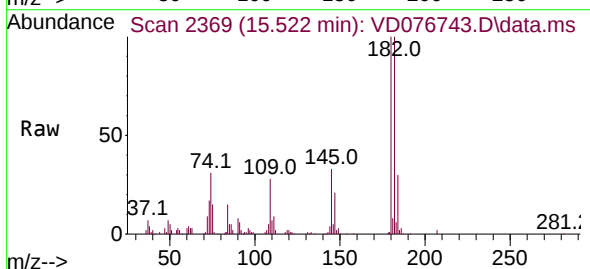
Tgt Ion:128 Resp: 30893
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 10.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.621 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35



Tgt Ion:180 Resp: 130076
Ion Ratio Lower Upper
180 100
182 93.4 47.3 141.9
145 31.8 15.1 45.3

